

FEB 83

25 JAN 83

K4AO R. B. MURPHY

K4AO R. B. MURPHY

COMING EVENTS

Miami Hamboree, Feb. 5 & 6th
Pinellas Park Boys Hamfest, Feb. 20
Jensen Beach/Stuart free Hamfest, Feb. 26
Hernando Co. Hamfest, Mar. 5th
Ft. Walton Beach Hamfest, Mar. 12-13
Orlando Hamcation Mar. 18, 19, & 20.
Florida QSO Party, May 21 & 22
ARRL Field Day, June 25 & 26.
Please send dates early. See ads elsewhere for
Hamfest details. Thanks. Editor.

CORRESS FONES



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83

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VOL. 26 NO. 9

THE ALL-FLORIDA AMATEUR RADIO AMATEUR'S PUBLICATION February 1983 Price 50 cents



On the right, Art Monsees, W4BK immediate past National Treasurer of QCWA is awarded a plaque by Wes Randles, W4COW, of Tampa, QCWA Treasurer in appreciation of his years of service 1977-1982. Congratulations to you both !!

HOW TO LOCATE RADIO OR TELEVISION INTERFERENCE IN THE HOME

By Larry Loper, W4OS/AAR40E

1. Go to your main fuse or circuit breaker panel with a battery operated transistor radio tuned between stations and listen for the noise.

2. If the noise is present and corresponds to the disturbing interference shut off all power to your premises by opening the main circuit breaker, switch or other enclosed service disconnect. Do not attempt to remove cartridge fuses or operate exposed or open type disconnects if physical contact with the electrical circuit is at all possible.

If the noise on the battery operated radio stops, the source of the interference is within your own premises.

Restore the MAIN circuit breaker, switch or disconnect.

3. Assuming the noise stopped while your electric service was off, you can now locate the noise source.

While monitoring the transistor radio before with the noise present, open individual sub main circuit breakers one at a time until the noise disappears.

You must now determine what has been turned off by going from room to room, checking outlets, appliances and lights for the absence of power. The offending noise should be somewhere on this circuit.

QSY back page, Col 1 - top

LETTER TO OUR GOVERNOR

Dear Governor Graham:

Again on the behalf of the amateur radio operators of the state of Florida, I am requesting you to declare the week of June 19-25, 1983, as Amateur Radio Week by proclamation.

As I stated last year, these public-spirited citizens standready to give of their time and equipment in times of need. In fact, communication by amateur radio is the backbone of our emergency communication system. Many of our sophisticated methods were spawned from experimental work done earlier by amateurs.

If it is convenient with you, the editor of Florida Skip, a magazine devoted to amateur radio would like to receive a copy of this proclamation by February 8 or March 8 at the latest to make the deadline for publication in the March or April issue. It might be nice if we could get together and have a picture taken to be printed along with the article. If it could be returned to my office before this time, I will make the necessary arrangements to have it published in this magazine.

The assistance of you and your office on this project will be appreciated not only by me but the amateur fraternity of the state as well.

I hope to hear from you concerning this matter as soon as possible. With warmest regards, I am

Sincerely,
Ron Johnson (WB4LIJ)
State Representative
6th District

CORDLESS PHONE WAIVER

The FCC recently granted a petition to exempt cordless telephones from certain technical and certification requirements if specific conditions are met. The Commission also stated that cordless telephones might "best be shifted to a different part of the frequency spectrum," and it plans to institute another rule making early in 1983 to establish new rules and frequencies for the devices.

The ARRL opposed the petition for waiver because of the severe interference potential that cordless phones pose to amateurs operating at 1.8 MHz and above. Both FCC and ARRL labs found that the units did not live up to FCC specifications. Until new operating frequencies are found for cordless phones the conditions in the waiver are not unfavorable to amateurs. The requirements for cordless phones are:

- The telephone should operate at 1625 to 1800 kHz.
- Rf currents on the power cord and telephone line shall not exceed 90mA on any single power conductor, 12 mA on the phone line and 12mA when measuring all power cord conductor together, including ground conductor.

QSY back page col 2 Bot.

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FLORIDA SKIP (USPS 805-200) is published monthly for \$5.00 per year, \$9.00 for 2 years by FLORIDA SKIP, Inc., 41 Lenape Dr., Miami Springs, FL 33166. Second Class Postage paid at Miami, Florida. POSTMASTER: Send address changes to FLORIDA SKIP, Inc., P. O. Box 501, Miami Springs, FL 33166.

Andy Clark, W4IYT, Editor/Publisher
Betty Clark, W4GGQ, Business Manager

Vance Murr, W4FWI, Mailing Department
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DEADLINE: 8th of month in Box 501, Miami Springs, FL 33166

EX CALLS

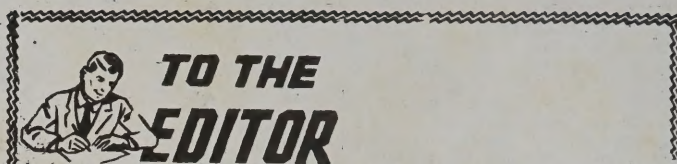
We continue to receive EX-CALLS. Have you sent in your? ? Send 'em in with your next Renewal or HAMBAR.....Editor. TU

KE4HK	ex	WB4ZPX
KC8ST	ex	WB8MGI
WI4P	ex	KF4IQ, WD4DTQ
KA4PGW	ex	N4GQQ
KA4FKN	ex	N4HQD
W4LLM	ex	W2FDR
N4GGX	ex	W8GJC, W4FRN
NJ4S	ex	WB4VET
KF4EA	ex	KA4WNY
W4AI	ex	W6MHB, TI9MHB, VP7BT, K4LJV, VQ9J, ZD8J, VP2A/VP2AAA, KL7-AI. Also hold PY1ZFD.
N4HRR	ex	KA4ZOV
KE4PX	ex	N4EDK
W4ZTH	ex	W6WXR, W7DUP
N4GVT	ex	W2UG
W4NWF	ex	W8DGU

NEW REPEATER MAP OFF PRESS

The third edition of the Florida Repeater Map is off the press. A beautiful job by Editor, Bill Tucker, W4FXE. This Map is up to the minute listing all our Florida open repeaters. Each city has it's own box with frequencies listed therein. There is another listby frequency along the side. Map is printed on 11 by 17 inches, black on light yellow 20 pound bond paper. Easy to read while mobiling, etc. We are keeping price down to only 25 cents each with your No. 10 (business size) envelope self addressed and stamped. Send to: Map, Florida Skip, Box 501, Miami Springs, FL 33166. You'll like it. we are sure.

2 / FLORIDA SKIP, February 1983



LETTERS

Dear Andy:

As soon as I receive the Proclamation from Governor Graham, I will be contacting you. Also, what are your ideas about selecting a "Ham of the Year" and have a presentation of an award from the Governor for any possible heroic action that might have transpired throughout the year.

With warmest regards, I am

Sincerely,

73s,
Ron Johnson, WB4LLJ
Majority Floor Leader
Tallahassee, FL

(Editor's Note: Many thanks Ron for all your help! Any suggests from our members on Ron's idea of "Ham of the Year"? Mail them in for publication. —A.C.)

Dear Andy,

After my first year of subscribing to Florida Skip I have found what a truly valuable publication it is. High school has been keeping me busy, sometimes so much so that I don't have very much time to get on the air. But Florida Skip keeps me informed of current events in amateur radio around the state, the country, and often even around the world. Best of all it is enjoyable to just sit back and read.

Enclosed please find a renewal of my subscription. Also, inclosed is an SASE for a 1983 Florida Skip Calendar. Your calendar has come in handy and it is the perfect size. Thanks for everything.

73,
Chris Megargee, KA4DCD
Tallahassee, FL

Dear Andy:

Thank you for printing the article on "CFO" - Chicken Fat Operators. I've had some real positive feedback on it. As a matter of fact, QST (Jan. 83) ran another article and many "on the air" have voiced similar approval.

I want you and all to know CFO is not a "ego booster" or a "Club" exactly, with no officers, or the like, and we don't have a "elite" or "Faster than thou" psychology. We simply feel Morse code is a fraternal bond of Amateur Communications, and conversational code allows a self-filling, challenge no other mode can, as one soon find out on QRQ!

I use SSB and hope soon to get into RTTY, plus enjoy 2M/FM, as many CFO'ers do. To try to keep balanced in our very special hobby.

If anything I write will help just one person become interested in QRQ Morse Code and realize the extreme enjoyment of it, then I am most thankful and its' been worth the effort.

Listen for use around 7030 to 7040 plus or minus or 14030 to 14040 plus or minus. . Many thanks Andy.

73,

Barry G. Yoder, W8SJO
4309 - 3rd Ave. NE
Bradenton, FL 33529

NEW RFI PROBLEMS

Concerned with the potential for interference to devices such as burglar alarms and garage door openers, the ARRL has petitioned the FCC for reconsideration of tis decision to allow such devices to operated in the amateur bands (Docket 20990).

The ARRL was surprised that the Commission acted on its initial proposals made more than five years ago with no opportunity provided for further public comment to bring the record up to date. The League said that the Commission's order should be followed by a reopening of the proceeding to allow further public comment, or by an amendment of the rules to prohibit the operation of unlicensed remote control devices int he 144-148, 220-225, and 420-450 MHz band. WR4-ACE GAINESVILLE)

SILENT KEYS

It our sad duty to report the passing of the following amateurs.

W4DMD	Charles E. Pratt	Orlando
W5VIQ	Russell S. Miller	Winter Park
WB4UMP	Russ Moore	Bokeelia, FL
K4RZF	Andrew "Bob" Jackson	Port St. Joe
K4JCN	Shelton Collins	Seminole
W4EVB	James W. Mayes	Titusville
K4CFX	Howard F. Ficquette	Winter Garden
KD4EH	Edward C. Asay	Sarsota
K4FZU	Robert Fried	Delray Beach
W4IX	Forrest B. Duncan	Satellite Beach
W4LFE	Nathan F. Coffey	LAke Wales
KC4RU	Lawrence W. Richards	Ft. Lauderdale
WA4SUD	John Sasse	Zellwood
WA4UTI	Ronald Rosen	Ft. Lauderdale

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- **KDK FM 2030 — Courtesy International Radio System, Miami**
- **STATION CONSOLE — Courtesy Break Communications, Miami**
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S.H.A.R.K. ELECTS OFFICERS By Kay Anderson, W8DUV

Members of the South Hillsborough Amateur Radio Klub (SHARK) met at the Teco Leisure House on December 15 for their annual Christmas feast. Preceding the dinner, a short business meeting was held to elect officers for the coming year.

Ed Ricca, K4PT of Apollo Beach was named President; Ed Anderson, W8DUV of Apollo Beach, Vice President; Evelyn Menkemeyer, WD4RFL of Ruskin, Secretary; and Svend Gormsen, W4SZ of Sun City Center, Treasurer.

Mr. Ricca announced plans for 1983 which include a membership drive, exploring means to raise additional funds, and increasing public awareness of the ham's role during emergencies.

The club should actively seek new members from all over the South Hillsborough area, Mr. Ricca explained. "We have every reason to grow — a common interest, good people and an excellent meeting place," he added. It is hoped that interesting technical programs along with entertaining films will attract area hams to the meetings.

Additional funds are needed to purchase an emergency power generator. "If a hurricane came through here and took out all the telephone and power lines, we'd be called upon to supply emergency communications," said Ricca. "What would we do when the car batteries run down?" he asked. A gas powered generator would enable the club to perform the needed communications services.

To increase the public's awareness of the ham's capabilities, Ricca plans to involve the club in more public relations activities such as Field Day demonstrations and handling messages at special events.

The next meeting will be held Jan. 26 at the Teco Leisure House in Ruskin. Winter resident hams are especially invited to visit.

FLORIDORA YLS

By Cathy Soehl, W4BAV/ARNS

WB4YTL—"Tommie" passed her Advance License. Proud of OM-Ed who received his license—call K4AWON & also Son-Ron now N4GQX.

K4RHL-Ellice is building a home with her Brother; new address is 173 Jamboree Court, West Palm Beach 33411. Good luck!

W4OMH-Catherine checks in with some of us on Sun., as unable to join us on Mon. Net due to working as Secty. for a State Ins. Co. Good talking to you, Catherine, keep checking in.

WB4PXN-Nesta writes she went to China with Sister-Carmen; spent 2 weeks travelling 7 cities. From Pekin rode up into mountains to the Great Wall & Carmen climbed it to the top. Returning to Hong Kong, left tour, spent several days on own, before flying to Hawaii. Glad you had a wonderful trip.

N4FOG—Phyllis' OM, W4OOH-Dick had a hernia operation, doing O.K. & we are glad to have her back with us on 40-meters.

W4QBY-Dorothea celebrated her 86th birthday Dec. 17th & K4JNC-Esther her 81st, Dec. 18th. Congrats, no one would ever guess you gals were that old; keep it quiet & all guessing.

K4MEW-Winona's Son is in Korea; she sent small Xmas tree, decorations, cookies, & a large Santa, which he hung on the door; most popular guy in his unit, I'll betcha!

W4NFA-Frances, our first Life Member, was hospitalized in serious condition, in a coma & OM, W4NOK-Jack requests no cards, etc. but prayers will be appreciated.

W4PFFJ-Adis welcome to the Floridors; sorry to hear of your heart attack while in Ark. Adis & W4PFG-Bob celebrated their 32nd anniversary; received an ICOM-37 as a gift.

ST. PETERSBURG AMATEUR RADIO CLUB

By Cathy Soehl, W4BAV/ARNS

SPARC Installation Dinner was held at the French Connection Rest. with Happy Hour at 6:30 P.M., dinner at 7:00 P.M. Installed were: Pres., WD4KGY-Oliver; V-P, W44ZVO-Phil; Secty., K4KKI-Harry; & Treas., K4BPO-Mark. Good Luck & congrats.

KB4CPX-Vivi reported they have a 2nd Cousin visiting them from Spain. Am sure you all enjoyed Xmas.

N4BGS-Sam's YF finds her new Volvo like a toy compared to her former Cadillac.

W44TJG-Betty said K4ISS-George promised to pick up peanut oil for peanut they acquired; he came home with 2-1/2 Gallons. Betty's getting suggestions how to use it. Anyone for peanut oil?

W4LTE-Wayne was hospitalized for surgery, but was happy to get home for Xmas, tho must take it easy for a while.

KC4UU-Jo won a microwave oven; now KC4UV-Phil will be getting his meals "whipped up" in a hurry. Congrats. Hi!

K4GBT-June & K4GBR-Gene send greetings from Pigeon Forge, Tenn., top of mountain, snowed in, but can visit relatives in nearby trailers, so do not expect to get "cabin fever". Good luck!

K4JCN (ex: K0PLG)-Shelton Collins was hospitalized several months ago with heart attack; had a pacemaker, home doing fine but, Dec. 17th suddenly joined the Silent Keys. He will be missed.

K4SCL-Woody's dog had an operation on an abscessed tooth; survived & all doing well. Hi!

THE NAVY CLUB

By Larry Pierce, W4PGD

The Navy Amateur Radio Club meets at 9 A.M. each morning, Monday thru Friday on 7260 Mhz.

The Navy Club was deeply saddened by the passing of (Charlie) Charles E. Pratt, W4DMD, of Orlando. He was a faithful member of the Navy Club, and had been ill and in and out of the hospital for the past two years. He was a devoted shipmate and his participation will be missed. May he rest in peace as a Silent Key.

The 1983 Convention of the Navy Club will be held in Titusville on the 4th, 5th and 6th of March at the Lake Motor Inn Restaurant. We are expecting a large turnout. Anyone needing information contact W4PGD of Delray Beach (Secy.)

At present there are 41 card holding members, and the number is increasing rapidly, with some of the Western States starting to show up on the frequency.

The Navy Club welcomes any amateurs they might assist to check in any time during their sessions.

HOLLYWOOD AMATEUR RADIO CLUB, INC.

By Marie Snow, WA4KXQ

Six Hollywood Amateur Radio Club members were honored for their Amateur Radio achievements at the December Annual Installation and Awards Banquet.

Receiving HARC trophies and recognition were the following: HARC Ham of the Year, Tom Middleton, WB4CKY; HARC Fox Hunt, Pete Rimmel, K4UNP; HARC Novice Class Instructor, Harold Crossley, KB4KK; HARC Home Brew, Art Snow, WA4KXQ (1st), Les Dwyer, KA4B (2nd), and Tom Middleton, WB4CKY (3rd).

In his presentation of the Ham of the Year award to Tom Middleton, Bro. Les Dwyer, KA4B and outgoing acting President, praised Tom for his devotion to amateur radio and its many purposes and goals. "Tom has served as Emergency Coordinator of Broward County and is a Past President of the Hollywood Amateur Radio Club. He has trained competent operators and developed the state of the art. He has taught amateur radio classes; operated nets; handled traffic; and he used the latest techniques of RTTY, Slow Scan TV and the Computer," Bro. Les said.

The program for the Feb. 21st HARC meeting will feature Slow Scan TV and will be presented and demonstrated by Tom Middleton.

TAMPA AMATEUR RADIO CLUB, INC.

By "Cy" Connolly, W4DVO

Zeb Towle, WA4VKJ, out of hospital and now active on 2 meters! Larry Gispart, KR4X, advises Hillsborough County Civil Defense Emergency Committee will resume meetings on 3rd Thursday of the month. Delbert, WD4HHH, will attend to be Club's representative. Gordon, WB4RHY, back from his Christmas trek to Miss. K4EUK, Frank, now modified club's HW 401, (ex W4CI) for use RTTY traffic with Fla. State Fair, which runs this year from Feb. 2nd to Feb. 13th, inclusive. Jan. 17th is last meeting before FAIR begins. Need operators, fone and CW, Tape punchers, counter helpers, etc. HURRY — During the Fair, open house at Club House in evenings to WORK, punch tapes, and usual message handling details.

There is a new 2 Meter repeater in Tampa, 144.89 - 145.49, auspices of ARPSC! Local L.L. phone is 876-1111. Pinellas Park Boys Club Hamfest will be held on February 20th. All club members invited by H.A.R.S. to special program January 26th, on antennas with models, exhibits and it is very elaborate. Meeting will be held at Oddfellows Club on Nebraska Ave., Tampa. "EZ" Randall, NJ4O became overloaded so had to get relief from NCS on FMTN. Also he has curtailed activities on MARS. As he says, "Now back to basics of ham-radio" UNQUOTE. Ye Scribe, under wx. lately, but hope to be QRV for traffic via W4DUG, Florida State Fair. Best Wishes for 1983, and take care. 73.

FELLOWSHIP AMATEUR RADIO CLUB, ICN.

By Lorraine Justice, KC4IQ

The Fellowship Amateur Radio club did not have a regular meeting in Dec. In lieu of the meeting we all met at a Pizza Hut for a holiday get together.

At our Jan. meeting we had as guest speaker Mr. Larry Berke, an engineer for Southern Bell, his subject was "Silent Revolution." It was most informative.

Two members of our club have upgraded during Dec. and our congratulations go to Helen-KE4TM, who received her "Extra" and our lovable Duke-KA4BJE received his "GENERAL". Happy DXing to you both — we are proud of you.

We will have two swap tables in the "Tropical Hamboree", so get your goodies together and let us know what hours you can help man the tables.

We still need volunteers for the new committees. Please look the list over; we are sure there is something that will appeal to you.

Don't forget it's membership renewal time, so get your dues in now so your name will appear in the roster.

Congratulations to N4GAA-Jay for conducting a Novice class of 10; five of whom will be taking their written test soon. A Healthy and Happy New Year to all.

CLEARWATER AMATEUR RADIO SOCIETY

By Eli Nannis, K4JMH

There was no business meeting in the month of December but instead we had a fine Christmas party at a Restaurant in Clearwater. More than 50 persons attended. Dues are due in the month of January — \$10 per member. It was necessary to raise the dues because we are now running and maintaining a repeater on 220 Mhz and another on 2 meters. We are now selling raffle tickets to raise enough money to pay for the second repeater.

One of our members, Al Schmid, W4PPW was repoted a "silent key" in the last issue of Florida Skip. He died on Dec. 1, 1982 and was buried in Arlington National cemetery in Washington, D.C. Al was a marine and fought in the Pacific in World War 2. He came out of the war a great hero but blinded in his last battle. Al was absolutely fearless and he fought with the courage of ten men. He is credited with killing more than 200 enemy soldiers in many battles in the Pacific islands. He was awarded many medals for bravery and citations from Admiral Halsey and President Roosevelt for his heroism under fire. A movie was made of Al's exploits called "The Pride of the Marines" and book written about him entitled "Al Schmid, Marine". Our club lost a good member and our country a great hero.

Club QSY P. 9

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TRAFFIC HOUNDS

By WA4PFK

NET	QNI	AVG.	QTC	AVG.	SESSIONS	MANAGER
FMTN	1180	38.1	1925	62.1	31	WB4AID
QFN	1167	18.8	1465	23.6	62	WD4AWN
TPTN	822	26.5	833	26.9	31	KF4HA
FPTN	1145	36.9	714	23.0	31	WB4WYG
GN	476	15.4	691	22.3	31	KF4U
FAST	912	14.7	675	10.9	62	WD4HHH
SWFTN	1229	45.5	501	18.6	27	KC4OT
NFPN	1247	40.2	416	13.4	31	KF4GZ
IATN	450	14.5	313	10.1	31	W4PPC
SEFTN	527	17.0	279	9.0	31	W4NFK
SVTN	550	17.7	243	7.8	31	KB4LB
QFNS	215	6.9	121	3.9	31	WA4QXT
VEN	319	10.3	114	3.7	31	W4LDY
FMSN	319	10.3	111	3.6	31	W4ESH
FPON	655	21.1	96	3.1	31	WB4GCK
PEN	169	7.0	62	2.6	24	W4GPL
PBTN	460	20.9	8	0.4	22	N4DVF
MCEN						
(Marion)	109	36.3	7	2.3	3	WD4RIQ
MCEN						
(Martin)	51	7.3	6	0.9	7	K4ZK
AIN	62	20.7	6	2.0	3	W4LVA
DEN	102	20.5	6	1.2	5	WB4HZK
LeeARES	99	24.8	5	1.3	4	WB2OUK
PRVAN	26	6.5	5	1.3	4	KE4DA
SERA	105	26.3	0	0.0	4	W8FKL

FLORIDA MIDDAY TRAFFIC NET

By Al Suhr, WB4AID

Compared to 1981 Christmas Season, FMTN handled quite a bit more traffic this year: 1982 = 1925 to 1981 = 1048 pieces. The NCS situation was better this year than ever before as was the NTS Rep personnel. Stations entering FMTN 1981 = 1225 and in 1982 = 1180; this may reflect more use of the SWFTN and SEFTN each of which send reps into FMTN. The entire operation went well AND WB4AID, MGR FMTN WANTS TO THANK ALL WHO MADE THIS POSSIBLE.

"E Z" Randall, NJ40 of Tampa, has asked to be replaced as NCS of the Friday Slot. We want to remind you that EZ was NCS for almost two years. Doc, W4SME, has agreed to be NCS on Fridays and we are very glad to have him with us.

Arrangements have been completed, via Roy Mackey, N4ADI, Sec'y FMTN, for a meeting at the Orlando Hamcation of FMTN from 2 to 3 p.m. Saturday, March 19, 1983 in "B" half of room C in the Expo Center. This is one of the major meetings of FMTN members and their friends. Everyone is cordially invited to attend.

And now some information about some of FMTN members. Earl, WD4HBP of Sanford, has rig problems but expects to return to the air soon. AA4WJ, Bill is without HF facilities at the moment and expects to return in about four weeks (Feb. 1). Lowell, WF4E, of Tampa, has an antenna that is "down" — but working on it. N4EXS, Bob of Eustis, is preparing to move to Mt. Dora and will be out for about a week. John, N4CMW of Dunedin, has upgraded to Advanced — congratulations.

New members include: N4GDT, Earl of Jacksonville; WA4HUZ, Lew of Ft. Lauderdale who is being reinstated after a bad lightning strike; WB3DCN, Dave of St. Petersburg back for the winter.

See you on FMTN daily at 1700Z on 7247 KHz — Warm-up at 1600Z!!

QFN

By Jan. Jones, WD4AWN

I want to thank everyone for helping circulate the heavy traffic volume in and out of Florida in December. The extra receive and transmit stations going to and from 4RN and RN5 were invaluable. The only real problem we had was on the late sessions.

Seems we have more stations checking in on early than late QFN leaving the 4RN rep. in particular with a lot of unpassed traffic on late QFN. Those stations that have to work the next day or don't frequent SSB nets need to get rid of their traffic and we can't expect one or two stations to have to do all the mop-up! Although I work myself, I walk to work which allows me to make a morning SSB Net to get some excess traffic passed.

Remember, when you have high volume traffic coming into the state, you have several nets to spread all this around. . . 99% of this traffic is not time value.

Totals for Dec. were: QNI 1167, QTC, 1465, QND 2051. High QNIs were W4DL 62, KA4AMC 59, KB9LT 59, WA4EIC 56 and W4KIX 53.

The main areas in which we need reps. are W. Palm Beach, Vero Beach, Ft. Pierce, Sarasota, Bradenton, Leesburg-Ocala and in the Panhandle.

I want to wish everyone a very happy, healthy New Year and hope 1983 will be an even better year for QFN.

Sure is nice to have George, W1NJM back with us for the winter. Also thanks to Ed, K2SSH in Sarasota, KM4N, Bill in Tallahassee for their assistance.

QFN meets nightly at 7 and 10 P.M. on 3951. Look forward to seeing many of you at Miami in February.

TOP TWENTY TRAFFICERS

By WA4PFK & N4UF

1. N4EDQ	6362	11. WA4PFK	715
2. W3CUL	3524	12. WD4COL	600
3. WD4HIO	1560	13. K4SCL	586
4. VE3BSY	1421	14. AA4FG	579
5. N4PL	1221	15. WD4AWN	573
6. W3VR	1217	16. KF4HA	532
7. K4EUK	843	17. WB4TZR	491
8. WF4X	838	18. WB4ADL	471
9. W4WGR	798	19. WA4EIC	468
10. K4ZK	729	20. W4MGO	459

CONGRATULATIONS TO ALL. THESE ARE GREAT TOTALS.

—AC.

THE GATOR NET

By Walt, KF4U

Daily 0830 local.

The GATOR Net welcomes all stations. Please do not let speed keep you away. Our stations will cheerfully adjust to your speed. The Christmas rush, as usual, produced plenty of traffic for all. Joe W4KLY was somewhat concerned about accepting the Wednesday NCS spot in November, but after two near record 60 message sessions in December, he is really a veteran NCS now! The Christmas traffic from out of state to the various Florida cities and towns brought one of our most serious problems into focus. How often do we hear on GN or QFN "who will take WPB, Lake Worth, Ocala, Tally, Bradenton" and others, answered only by deep silence. I believe the solution is to make better use of two meters. We can get our traffic out 20 or 30 miles into the areas beyond the local telephone calling zones with the help of the two meter repeaters.

So, I would like to see more of this traffic accepted and routed to its destination via two meters. December honors for 100% QNI went to W3CUL, WA4EYU and K4JI. Stations with over 25 check-ins were WA4JDH, W4KLY, KB9LT, K4TH, KF4U and KY4U. Stations holding down the NCS job were W4DVO, N4ET, W4YTT, K4JI, W4KLY, W4NFK, KF4U and WF4X.

73 and Happy New Year to all.

FLORIDA MEDIUM SPEED NET

By Lee, W4ESH, Net Manager

December activity on FMSN increased considerable over the anticipated increase of the holiday season. There were 31 sessions all at 2230Z on 3651 kHz. Total QNI was 319, QTC 111, QND 638 minutes. FMSN does have liaison with other NTS nets. Special mention should be given to those stations which have had more than 20 QNI for the month. These are WB4AID, AA4BN, NY4E, W4ESH, KB9LT, K4TH, WD4MLQ and WB4WYG. KA4AMC had 100 percent QNI for the month. This net's policy is to maintain an upper sending speed of 15 WPM while on the net frequency. Off frequency speed is determined by the stations handling traffic. Please check in with or without traffic. It's a good group.

NORTHERN FLORIDA PHONE NET

By Jerry McCabe, KF4GZ

The month of Dec. was another month of high QNI. Total check-ins for the month were 1247. And the traffic count almost doubled from the Nov. totals. Everyone on the net did a fine job in handling the extra traffic.

At this time of writing WD4HBP, Earl is out due to rig problems. WD4AWN, Jan checked in several times this past month. Check in more often Jan, we like to hear you. Good to hear WA4HHC, Gary and K4BDY, Vern once again.

New stations added to the NFPN roster this month were N4GDT Earl, W4BKD Jeff, N4FQD Wayne, KD4TT Charles, KA4KTA Steve and N4GTQ Bill. NCS in Dec. were KA4DCD 4, N4EWF 5, KF4GZ 4, KF4HA 7, N4PL 4, KA4VXT 4, WB4YQP 1 and KA4ZFW 2. Volunteers for QFN in Dec. were NY4E, K4EUK, KF4GZ, KF4HA and WF4X. WF4X, Phil our STM of NFL volunteered 12 times for QFN, thank you Phil. KC4XB, Charles checked in mobile from Kentucky, a very good mobile signal Charles.

The Northern Florida Phone Net meets daily at 2330Z on 3950 kHz.

TROPICAL PHONE TRAFFIC NET

By Karm McCabe, KF4HA

Tropical Phone Traffic Net had a very hectic month with all the holiday traffic as did all the nets. But I, personally, enjoyed it very much, going crazy trying to keep all the records straight.

Totals reported for December were very good with total QNI of 822 and QTC of 833. Both pretty respectable.

The roster had a few changes toward the New Year. Added were KA4AMC, Jim of Pompano, N4GDT, Earl of Jacksonville, and KA4MCM Richard of Brooksville.

Net Controls in December were: WB4CDQ, AA4FG, NZ4O, KF4HA, W4IRA, N4AXN and NY4E. We also, have an opening for NCS on Fridays, anyone interested please get in touch with me on the net.

High checkins were: W4BCZ & WD4MLQ 29, KA4GUS & KF4HA 28, WA4QXT 26, WB4ADL, W4GUJ & W4SME 25, VE3BSY, NY4E, WD4HBP & KA4VAW 23, K4AAC & K4EUK 21, KA4NFX & NZ4O 20.

TPTN meets daily at 2200Z on 3940 kHz. Everyone welcome!

FLORIDA PHONE TRAFFIC NET

By DON FONTAINE, N4ET

3940 KHz

The heavy holiday traffic season has come and gone leaving us all a little "wring out" as usual. And according to Bill, our net manager, it was another banner year, if not a record one. As we start the new year it is comforting to see the old regulars are still with us along with some welcome new-comers. We can be assured the FPTN is here to stay!

Daily 0730 EST

Herman, WB4FJY, our faithful outlet to South America, the Caribbean area, the West Indies and what have you, did not check in for a couple of weeks, due to illness we learned later. He's back on the job as busy as ever. Welcome back, Herman, we missed you and we're glad you are feeling better.

John, WD4COL, the Sunday net control station ran a session from Waynesboro, Ga. during Deember. Not a bad signal either. Dan, WB4TZR was without an antenna for a few days. Seems it was "borrowed" for a public service affair. So long as it's for a good cause, Dan.

Stations checking in 100% of the time were: WB4ADL, W4BCZ, W4BKC, K4BLM, WB4EXA, WA4EYU, W4FOE, WN4IIV, WA4JDH, WA4QID, WA4QXT, K4SJA, W4SME and WB4WYG. At 95% were: WD4AWN, WD4DDW, WA4EIC, W4GUJ, WB4MPJ, WA4NBE, WB4SOU, KA4TTS, and WB4TZR. 90%: WD4DIU. 85%: N4ET. At 80% K4EJW and W4IAD.

ARMY MARS

THE LETTER WAYNE GREEN DOESN'T WANT YOU TO READ By Dick, AAR4PP

The FCC is considering code-free Ham licensing, which Ham Radio Magazine supports, QST opposes, and Wayne Green is trying to exploit into a circulation-builder for 73 Magazine.

Wayne doesn't simply support a code-free class of license, as do other proponents; for the last year or so he has been pushing an arrangement whereby the only motive anybody would have to learn code would be sheer fun. He accuses all who disagree with him of being old fogies, blind to the superiority of RTTY and computer-assisted high-speed techniques. In Wayne's scenario, during floods or other disasters, emergency traffic would be loaded into microcomputer buffers and then dumped through RTTY transmitters at super-zippy baud rated.

About six months ago, an Army MARS "W.A.R." broadcast reported that, "CW has again proved it can improve the odds of getting traffic moved, when poor propagation conditions inhibit the use of mother modes" ("other" = "sideband and RTTY"). Assuming that this report constituted important data relevant to the pro-anti-CW debate, I mailed a printout of the broadcast to Wayne Green at "73." In a covering note for his "letters" column, I urged him to present both sides of the debate and pointed out that, no matter whether or not computer/RTTY techniques might have advantages compared to CW, the cost of a simple CW key is only one percent that of the cheapest RTTY setup — and that, therefore,

while we can expect Hams to own straight keys for emergency use, we can't ask them all to buy teletype and computer rigs.

So why tell about it in Florida Skip? Why bring it up now? Because Wayne Green chickened out. Evidently, he only has the courage to give timely exposure to two kinds of letters: (1) those which agree with him or (2) those which disagree so foolishly that they make him sound reasonable by contrast.

Anyway, if you're a CW fan (any speed!), you might like to get a schedule from the nearest Army MARS member. You'll find kindred souls who will never cop out of CW. They'd welcome your company!

U.S. AIRFORCE MARS (Statewide)

By Phil McMasters, W4BCZ/AFA2XR/FL-PAC

The new year started with problems, our region two Communications officer had a heart attack, and Mike has sure had more than one man should have to do on a volunteer basis working in Miami. The first state administrative net, on January 2nd, was very late in starting. No alternate NCS was available, however our former Region Training Officer did arise to the occasion and take over the duty. AFA2SJ Larry Jones WD4DIU (Also active on the Ham nets) might again accept an appointment as an assistant SMD. (Mike: I am not trying to run your job. HI) We have an increasing membership and some of you could, I am sure, make Mike's job easier by volunteering for a state official job. You will learn by doing faster than any other way.

The TROPICAL HAMBOREE February 5th shows an AFCC MARS meeting on the program, and if things are not in total confusion then I am sure that Mike (our SMD) will be happy to answer all your questions, unless they need information not yet sent out from SCOTT AFB. (This reporter as an old man can voice opinions young squirts would not dare to say.) Those on the military payroll do not do as good a job as the Affiliates in either administration or operation. If I get fired for telling the truth, so be it. HI (Every WAR the trade school boys have had to have help from the RESERVES who wanted to get it over and go back home.)

MARS QSY P 29.



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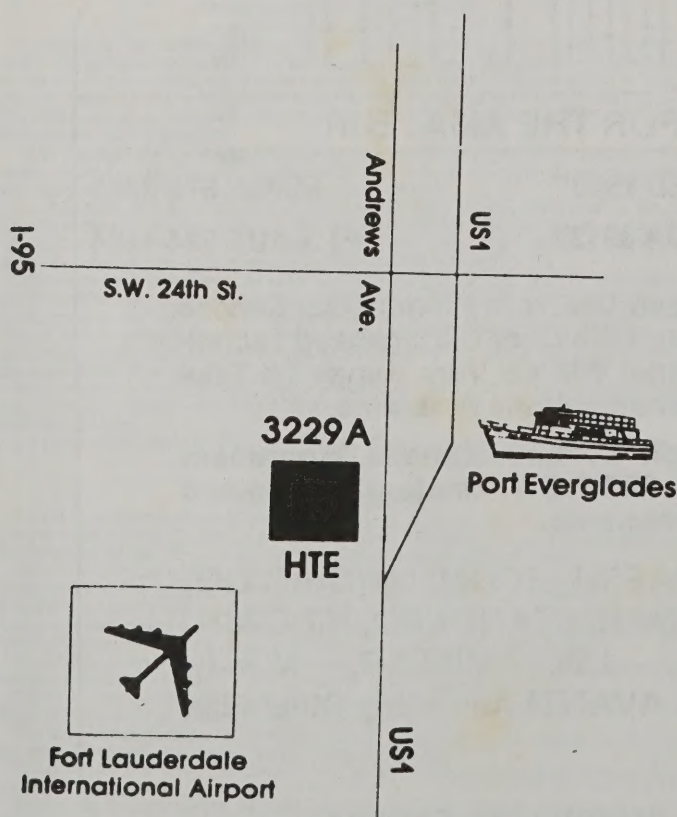
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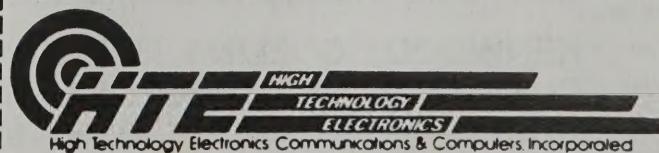
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KNIGHTS OF THE KILOCYCLE 53rd Year

By John Witherspoon, W4GUJ

Well, here it is a new year again and it seems to have started very well — we have a new Master Oscillator, WB4QPW Gil, who is not new to the office (having been there a few times before). Welcome Gil. We are very happy to have Gil back in that job and I know he has all the Knights back of him. By the way, his address (if you need to communicate with him during the week) is 1160 Montego Bay Drive, Merritt Island, 32952.

Mac, W4DVR, or chaplain of 28 years tried to resign but it was not accepted and he consented to remain in the position. Tnx Mac.

Christmas and the New Year season is a very busy time for almost everybody and this Christmas was no exception for most of the Knights and their ladies. Stan, W4LXH spent some time with his son Jim, W4DTS in Tallahassee. Your scribe spent his Christmas with his XYL, Boo, who was in a Gainesville Hospital with back problems — Much better now 'tho.

W4EWS, Dick checked in for his fifth time on Jan. 2. He is due to be knighted on Jan. 9. Welcome to the Knights, Dick. Who will be the next new Knight?

It looks like we are going to have to start observing the two minute rules as our by-laws call for, because the Jan. 2 meeting lasted for over an hour and a half. Of course one of the reasons it was so lengthy is that we have more checking in now and we welcome every one of them.

Many professions are represented in our organization — such as Howard, WA3VTC, who has a long background in railroading. Sure would be interesting to know more about the background and the present lifestyle of all our Knights. Maybe we could feature one each month in this column or devote a special time on the air. What do you think?

Herman, WB4FJY has been under the weather but is back feeling much better. Don't know what the traffic nets would do without Herman to handle the South American traffic.

We invite you to check in with us each Sunday — five check-ins and you are a full member. The time is 7:30 A.M. on 3910.

As this is being written the order of the top twenty on the roll is: W4JZV, W4DVR, W4BCZ, K4LXH, W4DNS, W4DDW, W4DTS, K4WR, W4CBK, W4SVB, WA3VTC, W4AJX, WA4FIR, KE4IB, W4GUJ, W4TZ, W4EWS, N4HVV, WA4ZTY, and K4CMK.

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Officers for 1983 are: President, N24H; Vice President, KB4BNR; Secretary, WA4OZA; Treasurer, N4FFM. Club meetings are held the first Monday of each month, 7:30 p.m., at Season's Restaurant (formerly Sambo's), 2410 S. Florida Ave., Lakeland.

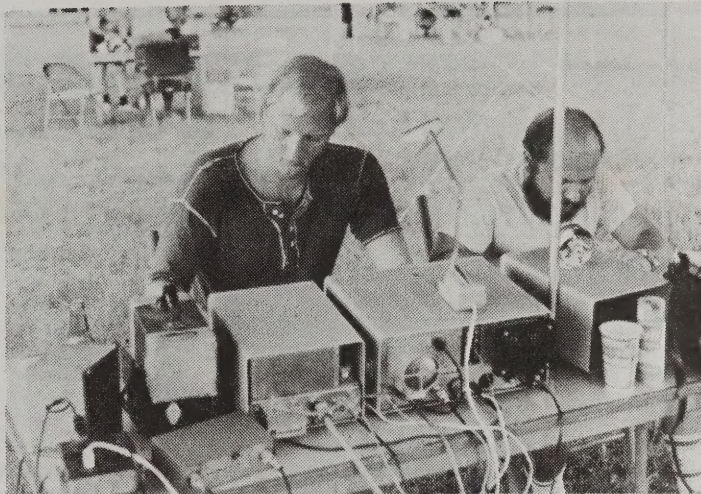
Area amateurs and visitors are cordially invited to the meetings. At the January meeting, W2HGV gave an informative presentation on propagation characteristics and antennas for the new 10 MHz band.

NORTHERN FLORIDA NEWS

By Billy Williams, N4UF, Section Mgr., N. Fla.

Appointments for leadership posts in N. Fla. under the new Section structure are WF4X-STM; W4UEA-SEC and N4ADI-ACC. Due to the funding formula, Northern Florida's budget has been cut 75% under the new structure and responsibilities expanded. As soon as these inequities are straightened out at HQ, we will be able to appoint more officials called for under the plan. At present, there is not enough budget to even visit all the clubs and hamfests which request presentations from the 3 officials already appointed but we hope this will be rectified.

From around the section, W4ILE is hammering away at QRP DXCC and has WAS-QRP already. Regis' appointment as ORS also renewed. He reports that all 1982 activities



W4DUG, Tampa ARC went all out on Field Day. Here K4 QU (Right) and Bob ?? on left, do their thing on the c.w. bands. (Photo via W4DVO)

from W4ILE were conducted with only 3 watts output using an HW-8 and Argonaut 515 and concealed dipoles. WD4IIO club station at Cloverleaf Farms doing well with large Dec. traffic total. RTTY system working very well.

The Santa Rosa Amateur Radio Assn. HQ in Milton has elected officers for 1983. They are KC4XB (Pres.); WA4PUP (V.P.); WD4MEX (Sec.-Treas.); WD4BRT, NJ4I and N4ICV (Trustees). The group plans to affiliate with ARRL and is interested in the new Special Service Club (SSC) appointment.

Affiliated Club Coordinator N4ADI and myself are currently working on criteria for the SSC qualification and the guidelines will be announced by April 1 when the SSC designation is put into effect. All club officers and ARRL members are invited to send their input on this subject to N4ADI or myself and all ideas will be considered. Generally we will be looking for clubs which run (or help support) license training classes, have liaison with local govt., participate in ARES/RACES, provide RFI/TVI assistance, and participate in ARRL operating events such as Field Day, SET, and who provide publicity for amateur radio. A club would not necessarily meet all requirements but will have to attain a fixed number of points when all their activities are considered. Clubs not wishing SSC status will remain as Affiliated Clubs as long as they send in their required annual reports.

KZ4L elected as Director of OPARC in addition to those listed last month. Most clubs calendars ended on Dec. 31st and dues for the new year are payable. I urge all hams to support their local clubs and to volunteer their assistance on club projects! OPARC has a monthly get-together on the first Saturday of each month at 8 A.M. at the Omaha Restaurant.

Seminole VHF Traffic Net going very well with high holiday traffic totals. It meets daily at 1930 local on the LMARS repeater. KB4LB is NM and WD4HBP Asst. NM. LMARS officers for the new year are John Reinke, AB6I (Pres.); KA4KZU (V.P.); NA4ASI (Sec.-Treas.); W0RAO and K4TTO (Board Members).

In the publicity dept., Walk Rike KE8O and the Gulf Coast ARC received a nice write up and picture in the Suncoast News newspaper explaining the role of the club. 1983 GCARC Club QSY P 15

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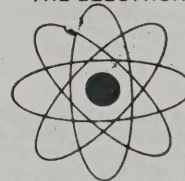
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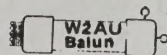
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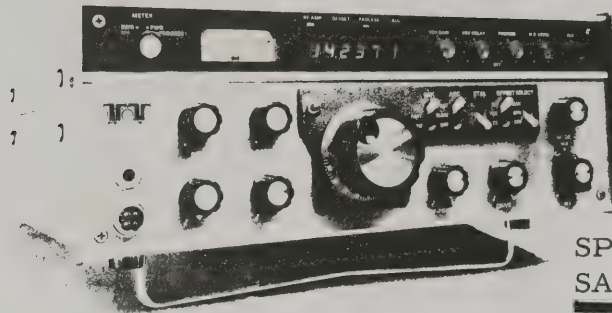
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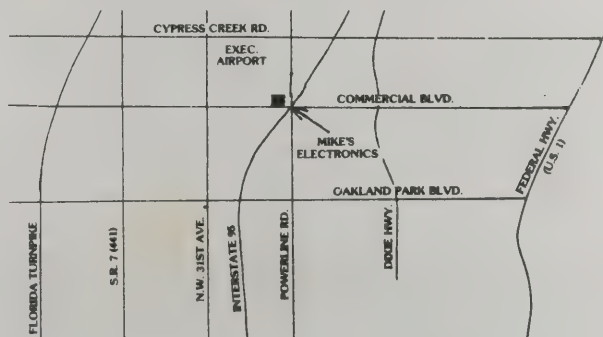
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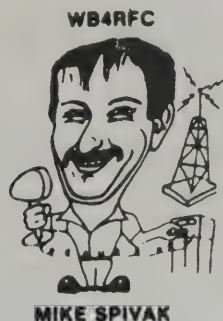
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AMERICA RADIO CLUB. WD4NLG/R 146.13/73. Bilingual Rptr. Back-up Rptr. 144.75/145.35. Club meets 1st Wed of each month. Mail: P. O. Box 651004, Miami, FL 33165.

AREC REPEATER GROUP, Inc. WA4ARE/R 07/67 R. Brunner, Treas. 4072 Sussex Ave., Lake Worth, FL 33461. Breakfast 9AM Sundays at Clock Restaurant, N. Dixie, Lake Worth. All amateurs welcome!!!

BRANDON AMATEUR RADIO SOCIETY, WB4BIM meets 3rd Thurs. at Brandon Chamber of Commerce. Net Mon. 8PM on 147.165 and Wed. 8 PM on 28.765 kHz.

THE GOLDCOASTERS. Meet 2nd Monday each month, Pals Captain's Table, Deerfield Beach, 11:30AM. Additional meetings 4th Mon. during Jan. thru Apr. Open membership. Write PO Box 2778, Boca Raton, FL 33432 phone 421-8704. Net daily on 14346.5 at 915AM. Join us!!!

BROWARD AMATEUR RADIO CLUB, Inc. W4AB. W4AB/R 31/91. Meets 2nd Fri. 745PM, Red Cross Bldg., Ft. Lauderdale. Mail: Jan Lorah WB4KOC, 2407 Flamingo Ln. Ft. Lauderdale, FL 33312.

CLEARWATER AMATEUR RADIO SOCIETY WB4BZF. Meets 2nd Thurs. ea. month 730PM upper Pinellas Co. Red Cross, 624 Court St., Clearwater, FL Mail: Box 7388, Clearwater, FL 33518.

FLORIDA REPEATER COUNCIL Pres. K5FOG, VP W4CF, Tres. K4KE, Freq. Coordinator, Jani Kusmulyana KO4J, P. O. Box 17317, Tampa, FL 33682 Phone 813 985-3453.

CYPRESS CHAPTER of Ten-Ten International. Meets Wed. 8PM on 28.665. Covers E-Central FL. K4TSY Chapter Head. For certificate work 5 holders, send long info & \$1. to Bob Lucas K4HTU, RD 2 Box 2630, St. Cloud, FL 32769.

DADE RADIO CLUB, Inc. W4NVU. Meets 1st & 3rd Tues., Museum of Science, 8PM, 3280 S. Miami Ave., Miami. Mail: P.O.Box 350045, Riverside Station, Miami, FL 33135.

DAYTONA BEACH AMATEUR RADIO ASSN., Inc. K4BV. Meets 8PM, 3rd Monday monthly, American Red Cross, 341 White St., Daytona Beach, FL Come and bring a friend.

EVERGLADES AMATEUR RADIO CLUB. W4SVI/R 146.235/835. We meet 2nd Fri. ea. month 8PM, Dade Co. Agricultural Bldg. 18710 SW 288 St., Biscayne Dr. at Redland Rd. Homestead 33030

FELLOWSHIP AMATEUR RADIO CLUB, Inc. Meets 4th Thursday at Ingalls Park Recreation Center, 735 SW 1st St. Hallandale, FL 730PM. N4AXQ/R 147.81/147.21 Mail: Box 680284, No. Miami, FL 33168.

FLORIDA GULF COAST AMATEUR RADIO COUNCIL, Inc. P.O. Box 157, Clearwater, FL 33517.

FLORIDORA YL'S. W4FE. Pres. Blanche Randles W4GXZ, CR-SH Bx 74, Stoddard NH 03464 (5-10) 6002 N. Fremont, Tampa, 33604 (11-4). All YLs & XYLs invited. See Box ad for details.

FORT MYERS AMATEUR RADIO CLUB. Meets 1st Wed. ea. mo. 730PM, 1st Fed. & Savings, 121 Pomedella Rd. SR78A, No. Ft. Myers. Mail: Cash Luzny W4MPV, 4286 St. Clair Ave. Ft. My33903

FLAMINGO NET. Meets Friday 730 PM, 29044 mHz. Monthly transmitter hunts. 30 years old. Informal net, all welcome. For info contact W4DWN, Sec./Tres., 305 895-9398.

GOLD COAST FM ASSN., Inc. Box 313, Boca Raton, FL 33432. Emcy net Thurs. 730PM WB4QFY/R 146.22/82. Traders net 8PM, WB4UFA/R 4th Mon. 730PM. Imperial Pt. Hosp. Med. Ctr. 6401 N. Fed. Hwy, Ft. Lauderdale. UHF Rpt WB4RZS/R 447.2 in 442.2 Ovi

GREATER TITUSVILLE AMATEUR RADIO CLUB. Meets 3rd Mon 730PM ea. month at Titusville Chamber of Commerce Bldg. Mail: c/o W. R. Young, K4DQT, 3845 Catalina St., Titusville 32780 Rptr 146.31/146.91 for other details.

HILLSBOROUGH AMATEUR RADIO SOCIETY, Inc. WA4GJJ. Meets 4th Wed. 730PM Pan Am Bank Bldg., Sulfer Springs. Mail PO Box 24602, Tampa, FL 33623. Phone for info (813) 884-7035.

HOLLYWOOD AMATEUR RADIO CLUB, Inc. WB4TON/R .385/985 Meets 3rd Mon. 800PM Rm 238, So. Satellite Court House, 3550 Hollywood Blvd., Mail: PO Box 6306, Hollywood, FL 33021.

INDIAN RIVER AMATEUR RADIO CLUB. W4NLX. Meets 4th Tue. First National Bank, Merritt Isl. 730PM. Mail: Box 5, Cocoa 32922.

INTERNATIONAL COMMUNICATIONS FOR CHRIST. ICFC, helps Missionaries world-wide. Sunday net 21380 kHz 1900-2000 GMT. Ham bible tracts available. Info: ICFC, PO Box 2151, Winter Park, FL 32790 c/o Henry Fehrmann, N4EDQ.

KEY WEST AMATEUR RADIO CLUB. W4LLO/R 146.34/94. Meet 8PM, 2nd Tues. Sportsman Inn. N. Roosevelt Blvd. Mail: Box 2371, Key West, FL 33040. Phone 296-2723. Most souther radio club!!!

LAKE AMATEUR RADIO ASSN., Inc. K4FC, meets 1st & 3rd Thurs. 8PM, Clubhouse, Springdale Ave., Bassville Park. Mail c/o Dot Favorite, KA4MIL, 106 Island Dr., Leesburg, FL 32748. ALL WELCOME!!!

INTERNATIONAL MISSION RADIO ASSN. IMRA. Helps missionaries by supplying equipment & running net Mon. - Sat. 2-3PM, 14280MHz. Yearly 14,000 check-ins, 6,000 traffic. 1 Pryer Manor Rd., Larchmont, NY 10538.

NORTH FLORIDA AMATEUR RADIO SOCIETY, W4IZ. Meet 2nd Thurs. 730PM Ed White Sr. Hi School RM 110, 1700 Old Middleburg Rd., Jax. Mail: B. Williams N4UF, 9110 Rio St. Johns Dr. Jacksonville, FL 32211.

OLD OLD TIMERS CLUB (OOTC) Florida Chapter. Net meets ea. Sunday 2PM on 7247kHz. Info from Herb Spitz, WA4UOE, 340 SW 64th Way, Pembroke Pines, FL 33023. Join our Sunday net!

QCWA HIGHLAND RADIO CHAPTER. (121) Meets each 1st Thursday breakfast 9AM at Sammys Steak House, US 27, Lake Placid. Mail: Meg Hennon K4HSC, Sec/Tres., 6102 Lake Front Dr., Sebring, FL33870.

PALM BEACH REPEATER ASSN., Inc. 28/88. Meets 1st Tues. each month 730PM, Palm Beach Civil Defense Bldg., 3723 Belvedere Rd., W.P.B. All Welcome. Membership available: PO Box 461, Lake Worth, FL 33460 or call J. Schoech WD4LHF 684-2116.

PLATINUM COAST AMATEUR RADIO SOCIETY. Meet 2nd Mon. ea. month, Red Cross Bldg., 1150 S. Hickory St., Melbourne. Mail: Box 1004, Melbourne, FL 32901. Rptr: WR4AMJ 146.25/85.

PLAYGROUND AMATEUR RADIO CLUB, W4ZBB. Meets 1st & 3rd Thurs. 730PM, Clubhouse on 1st St., Ft. Walton Bch. Mail: PO Box 873, Ft. Walton Bch, FL 32548. Repeaters 146.19/79 & 147.60/00.

QCWA CITRUS CHAPTER. Meets 3rd Saturday each month 1130AM at Duff's Famous Smorgasbord. Intersection SR 436 & 434 "K" Mart Plaza, Altamonte Springs. Net meets 9AM Saturday 3955 kHz. All Welcomed.

QCWA CALOOSA CHAPTER. Luncheons last Wed. ea. month 1130 AM, Twisty's Restaurant, Cape Coral. Left at light at west end Cape Coral Bridge. Info. D. Bowman, W4OUU, 5317 Colonade Ct., Cape Coral, FL 33904 Phone 813-542-4656.

QCWA CENTRAL FLORIDA CHAPTER. Meets 2nd Sat. Noon. in Sept. thru May at Western Sirlain, 3105 Hwy 98 N., Lakeland. Net Sat. 10AM, 7243 kHz. Info. J. Spark W4LHP, Sec. 813-688-7204.

QCWA CITRUS CHAPTER. For meeting info contact Chmn. John Glauber, W4OB, 305-886-7885 or Sec.. Bob Sutter, W3SOB, 305-678-3070. Net meets 930AM Sat. on 3955 kHz.

QCWA EVERGLADES CHAPTER. Meets 2nd Sat. Sept thru April. Sweden House, 5550 N. Fed. Hwy., Ft. Lauderdale. Info: See Skip News column or call Roy McCarty W9KA, 305 731-4145.

QCWA FLORALA CHAPTER. Meets noon 2nd Sat. ea. month at Boulevard Rest., F.W.B. Pres. W5RHE, Sec-Treas. WD4FSC, Bob Miller, 319 22 St., Niceville. Net each Mon. 730 PM Cen. 28/88 repeater, W5RHE is NCS.

QCWA GATEWAY CHAPTER meets 3rd Sat. ea. mo. Uncle John's Pancake House, Beach Blvd., Jax. Info from: Charles "Walt" Walters W4HMO, 3658 Colebrooke Dr., Jacksonville, FL 32210 904 778-4000

QCWA GATOR CHAPTER. Tampa Bay area. Meets 1st Sat. Noon at Chief Charlie's Restaurant, Gulf to Bay Blvd. on Rt. 60 Clearwater. Wkly net sat 930AM on 3920kHz. E. Nannis K4JMH, 14996 Imperial Pt. Dr. No., Largo, FL 33540. All welcome.

QCWA PELICAN CHAPTER meets 3rd Wed. Noon at Sea Ketch Restaurant in St. Petersburg. Net Sat. 10AM 3930 kHz. K4WP Sec. 5326 20 Ave. N. St. Petersburg, FL 33710. All welcome. Check into net for more details.

QCWA SOUTHEAST CHAPTER. Meets 3rd Sat. ea. Mo. at Noon. More info: W4KGJ 666-2058, W4KO 685-1963 or W4LGP 891-7692. We also welcome all OOTC and SOWP members anytime!

QCWA SUNCOAST CHAPTER. From Tampa So. to Marco Isl. Meet at Davey's Locker, Rm of Windjammer Rest., 7100 S. Trail US 41, 1st Wed. ea. mo. Oct. Thru May. Info: A. Hodson W4PJF 756-5792.

QCWA SUWANNEE CHAPTER. Meets 4th Sat. of even number months. Holiday A/C from Silv. Spgs. Net Sat. 7236 9AM. Pres. W4JOP, VP, NF4O, Sec-Tres. R. Medler W4ANN, 1041 NE 20 Ave. Gainesville, FL 32601.

QCWA TREASURE COAST CHAPTER. Chmn. Karl Gansler W4-PSG; Sec-Tres. Jerry Dewitt W3BL. Lunch, 2nd Thurs. Sheraton Regency, N. A1A, Vero Beach. Mail: Box 3088, Vero Beach 32960.

ST. PETERSBURG AMATEUR RADIO CLUB, Inc. W4GAC. Meets 8PM, 1st Fr., Red Cross Hq., 818-4th St., Mail: PO Box 4026, St. Petersburg, FL 33731. All amateurs welcome. Bring a friend.

SARASOTA AMATEUR RADIO ASSN., Inc. W4IE. Meets 3rd Tues. 8PM. Sarasota Co. Administration Ctr, US 301 & Ringling Blvd. 6th Floor lounge area.. Mail: Box 3182, Sarasota, FL 33578. Join us!!!

SOCIEDAD INTERNACIONAL DE RADIO AFICIONADOS, Inc. WB4-ESB & WB4ESB/R 147.90/30. Mail Box 524071, Miami, FL 33152. Tfc net 14300 Sat & Sun. 9-11AM. Emgcy net 14205 KHz & 147.510. Info & drill net Tues 9PM thru repeater.

SOCIETY OF WIRELESS PIONEERS. (SOWP) Edis on Chapter. Meet Sun. 2PM, 7053 kHz. Bill K4TF, CHOP. Info about SOWP: Bill Willmont K4TF, 1630 Venus St., Merritt Isl., FL 32952 or net.

SOUTH FLORIDA FM ASSN. WD4SFG/R 146.16/.76 & WD4BVO/R 146.40/147.00. Mail: P. O. Box 430025, Miami, FL 33143. Meets 2nd Mon., CD Hq., 5600 SW 87th Ave., Miami. All Welcome!

TAMPA AMATEUR RADIO CLUB, Inc. W4DUG. Meets 1st & 3rd Mon. 730PM at Club House, Davis Isle, Columbia & Barbados. Mail: PO Box 10453, Tampa, FL 33679.

TAMPA BAY REPEATER ASSN. PO Box 24671, Tampa, 33623. Meets 2nd Tue. 730PM. Call in on 146.16/.76 for meeting place. 146.16/.76 Tampa; 146.39/.97 Largo; 147.705/.106 East Bay. Net meets ea. Thur. 730PM on 146.16/.76. Join us.

WEST PALM BEACH AMATEUR RADIO CLUB, Inc. W4HAW, P. O. Box 6834, Southboro Station, W. Palm Bch, FL 33405. Meets 1st Wed. 730PM at 823 Newark St., W.P.B. Phone 655-3592

ZEPHYRHILLS AREA AMATEUR RADIO CLUB. Meets 4th Thur. ea. mo. 730PM at Community Center at Lake on W 54. Mail: 1312 - 13th St., Zephyrhills, FL 33599. Come & bring a friend.

FCC DISMISSES W4MB PETITION

The FCC has recently dismissed a petition for rule making which sought to have the two new WARC bands at 18 MHz and 24 MHz immediately allocated to the Amateur Radio Service. According to the Commission, while the frequencies 18.068 - 18.168 MHz and 24.890 - 24.990 MHz were reallocated for the exclusive use of the Amateur radio Service at the 1979 WARC, the use of these frequencies by Amateurs is subject to the transfer of all current assignments from these frequency bands. There are currently 33 government and four non-government assignments in the 18 MHz band and ten government and two non-government assignments in the 24 MHz band. Accordingly, the petition was dismissed as premature. (From the ARRL Letter.)

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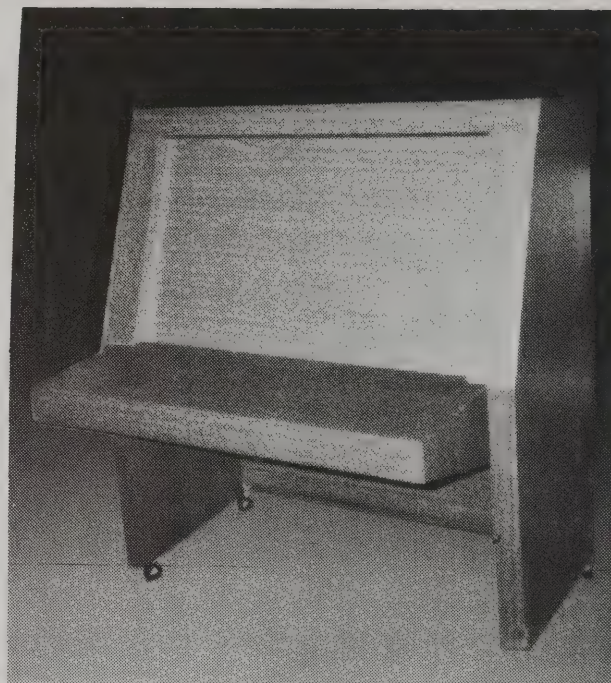
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CLUB.. Fm P. 9

officers are KE8O (President); WB8ONY (V.P.); W2LRJ (Sec.)' KB4VQ (Treas.); W4OHU, N4AYH, K4FMJ, N4PCU (Directors).

AB6I and KF4EU in Central Fla. very active as OO. KF4EU installed new antenna system including crank up Alumna tower. He also added Vic 20 RTTY to his system. Halifax Chapter QCWA now has 60 members and growing. KD4Z reports very successful operation by Coronado Wireless Assn. from Christmas, Fla. during the holidays. They are issuing nice commemorative QSLs to those working the station, K4HML.

WB4EXA reports that message centers during special events in Brooksville area were successful and it looks like several other hams followed suit in the West-Central District as BPLs for message originations were way up this past month. It is one thing to handle traffic but to set up a public display deserves special mention. HCARA planning a Ham Swapfest for March. Watch for more info. HCARA will begin holding its meetings at Evergreen Woods on Hwy. 50 West. HCARA also planning novice classes soon. Contact WB4EXA or K1BUM for more info.

Beaches ARS has new emergency net on 146.85 simplex on Mondays at 1930 local time. EC and NM is WB4K. The Sky High ARC will hold its 4th Big Sun Ham Swapfest on Saturday, Feb. 12 from 7 A.M. - 2 P.M. at the Inverness Fairground. Swap Tables are available for \$4 ea. from N4EYN; Rt. 4, Box 100, Crystal River, Fla. 36629. Talk in on 146.955 (-600). There is no registration charge.

In Jax, there is a new weekly net on Mondays at 2100 local on the 16/76 repeater dealing with computers. Its called "Compunet" and all check ins are welcome. WA4RGO is the organizer. RANGE ordering club jackets. Anyone interested, please contact WA4RGO. KA4FPO is new RANGE Rabbit Hunt Chairman.

Tallahassee ARS presented the Tars & Feathers Award to Don Bartnik, WA4DSW which basically means he is the Tallahassee Ham of the Year. Others cited for their club contributions were WB4VFS, KA4YOD, KA4DBZ, KN4Y, K4AQQ. Last year's winner, W4MLE, made the presentation at the club's holiday banquet. Congratulations! N4NN donated a keyer to TARS for presentation at the Jan. meeting. A new class for tech and general licenses started in Tallahassee on Jan. 12th with KC4N as instructor.

PALM BEACH AMATEUR RADIO COUNCIL, INC.

By Ken Block, WD4KSO, Council Vice-President

Nuclear Disasters are the kind of events we don't like to think about. However, when we were contacted by Civil Defense to participate in the January 19-20 simulated evacuation of tens of thousands of 'victims' of a Nuclear Event at the Huthcheson Island Nuclear Plant we were forced to address ourselves to this kind of problem.

Palm Beach County will be a 'host' county for evacuees from the St. Lucie-Martin County area; the overflow will be routed to Broward. The traffic and registration problems and the routing of these persons to their respective shelter locations are considerable headaches. The communications necessary to help coordinate all



Holding down the ARRL booth at GlobeCom 82 in Miami Beach, while W4WYR and W4DTJ take a breather is Walter Dixon W4-DWN, AMSAT Rep (left) and David Talley W2PF, GLOBECOM Amateur Coordinator, while a JA2 looks over some hand-outs.

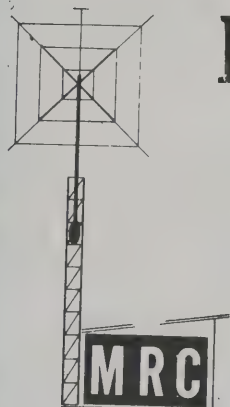
(Photo via W2PF)

these activities and bring about an orderly evacuation and relocation of this large chunk of population is a sizeable challenge.

The results of this SET will be reported next month.

Here are some important dates to put on your calendar now. April 21, Thursday at 7:30 P.M. at CD HQ is our Annual Corporate Meeting and elections of officers and we ask you now to plan on attending. February 17 at 7:30 P.M. at CD HQ is our regular meeting night and the Special Directors meeting will be held on Thursday, February 10. We are asking the administrator from each organization in the county be represented at this Special Directors meeting. This is your written invitation to have your organization represented at this very important meeting. If your prefer, you

CLUB.. P 18



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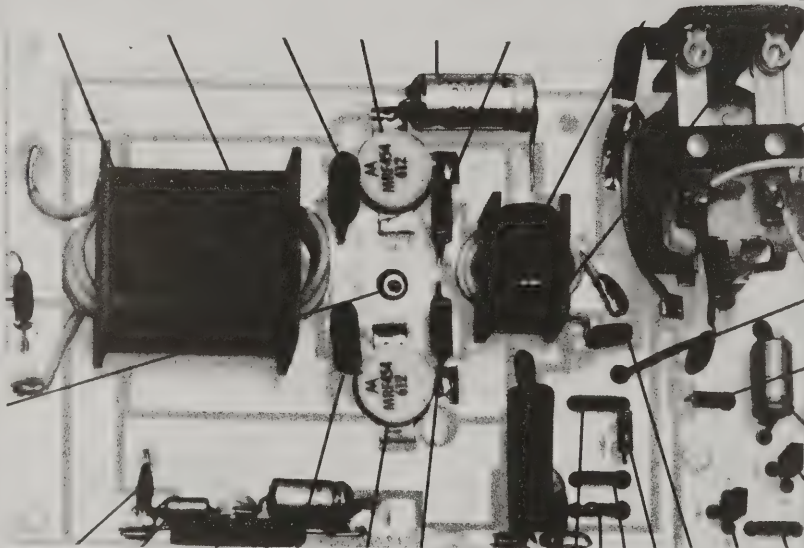
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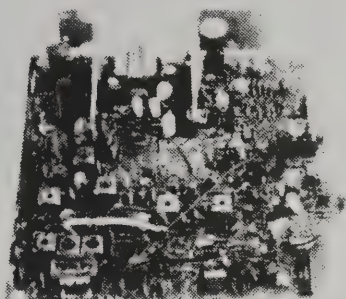
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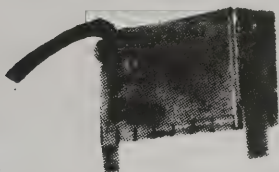
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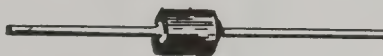
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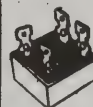
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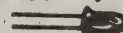
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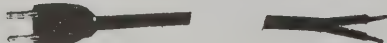
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CLUB Fm P. 15

may have up to three administrators (officers/directors) of your group at this meeting. Please contact Ken at 842-1331 or Manny at 967-1477 and let us know who to expect from your group. We will give you the time and location of the meeting at that time.

AMATEUR RADIO OPERATOR OF THE YEAR award will be presented during the month of December 1983. Guidelines to help determine how to vote and what the criteria will be are under consideration. So far if you are a licensed radio amateur and reside in Palm Beach County and have demonstrated skill, technical ability, community service, service to your fellow Ham or improved the standing of Amateur Radio in your community, you qualify. Who do you have in mind?

Well Charlie Davis N4BBZ and Janet WA2HOD had their EGG NOG contest Christmas Eve. Charlie asserts he won and Janet is sure that she won. However, only the tasters really know. Twenty hams descended upon Janet's home in Jupiter. We each had a taste of the contestant's egg nog. One thing is certain — There was a winner.

Have you ever wondered what the weather report was so you could plan your day a little better? Or perhaps you have left your home only to notice ominous clouds in the distance. Well let me share with you what the AREC repeater group already knows. Bertha, WA4BMC shares with you direct NOAA weather information at 1330 every day. She has a direct hardwire teletype from NWS and has been providing 07/67 listeners for many moons detailed WX information. We all thank you Bertha, for the interest and the helpful friendly attitude.

Tom, WB4ILH, has added a Lunar preamp to the 449.500 repeater. Now there is handheld communication from Hobe Sound to Boca Raton. WA4FAP, John has his 449.150 repeater on the air at a temporary location. He is looking for a (you guessed it) higher site. Lu, KA4EPS has put his receiver at 300 ft. and is linking it back on UHF. Lu operates the 147.285 repeater. The 07/67 group has ordered a new Spectrum repeater. Everyone is looking forward to its arrival. The 28/88 group is wondering if they have an antenna connected to the top of their bullet holed hardline. Someone is just going to have to go up there and see what is happening. Charlie, N4BBZ has just received his Spectrum repeater back from the factory with all the latest mods and specs. You can have fun with this one; it's at 300 ft. in the middle of West Palm Beach on 147.165. Charlie also operates the 146.625 repeater in Jupiter. The 147.165 repeater will soon have an auto-patch. Membership in the Jupiter-Tequesta Repeater Group, Inc. provides you with auto-patch privileges on the 146.625 and 147.165. Call Janet WA4HOD for details. She is ALWAYS on 146.625.

We are just about ready to place the next order for printed "T" shirts, nylon jackets, and golf shirts. If you want one or more place your order now. It will be quite some time before another order will be made. Contact Jon WD4KSN, 842-1331.

Your PHOTO ID CARD is ready if you ordered one. All amateurs should get one so they can be identified during an emergency. Your local Police Department knows what they look like and understand your purpose during an emergency. Your Council has worked hard for this recognition and your acceptance. Contact Manny W4SS regarding your application for the PBARC/RACES PHOTO-ID Card.

If you are a repeater operator and have not yet returned your confidential questionnaire, you are urged to do so now. These details will be kept at Civil Defense on file. In

case of Disaster, important operations information may be necessary to pass emergency traffic. If you have not yet received your form, please contact me and I will mail it out to you immediately.

The Council wishes to congratulate the FMTN on their 25th year of operation. We all know how important the FMTN is to our NTS. The FMTN has just under 100 members now on their roster and encourages new hams to check-in and find out what traffic handling is all about. WB4AID, AL will give you a warm and efficient welcome.

Those of you who are ill and are feeling low we offer our good cheer and a speedy recovery. To those of you who are celebrating birthdays or other happy happenings we offer our collective congratulations and best wishes.

Hill, KE4ZH is doing a wonderful job on the annual FAIR project. He has the able help of Walt, WB4IUD and others on the committee.

Remember this month our Council Director and Meteorologist-in-charge of NOAA's West Palm Beach NWS office will be presenting a special program at our monthly meeting. Steve Letro is very familiar to you. He makes so many TV appearances during the hurricane season he begins to look like a member of the family.

Please remember the runs coming up. We need your help. If you can read this article then this is your invitation to assist in the runs. If you can help, call me at 842-1331 for details. We have 30 regulars on the list. However, not every one can help with every race. If you would like to be on the regular call-up list, let me know.

If you are in a club in Palm Beach County and would like your club news or an announcement here, contact me before the first of the month.

73, Ken, WD4KSO

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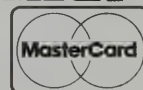
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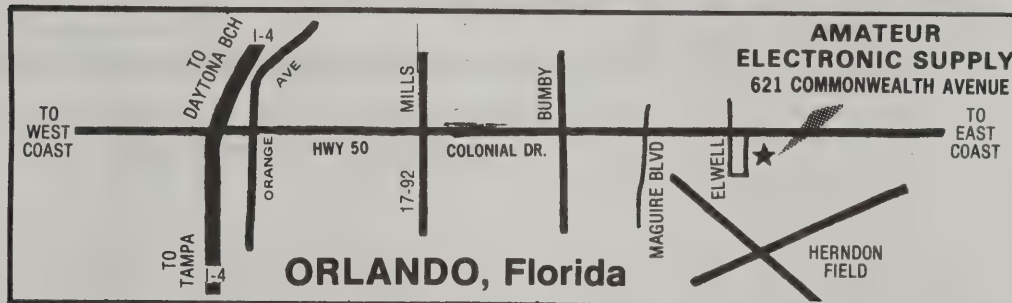
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QCWA STATE NEWS

Edited by Eli Nannis, K4JMH

QCWA President Stu Meyer W2GKH has filed comments with FCC in respect to the ARRL petition to permit the use of volunteer amateur licensees to prepare and administer amateur radio license exams in accordance with the Communications Act of 1982. The comments were approved by the Board of Directors. Stu also indicated that QCWA wished to have an active part in administering this program. Copies of the QCWA filing may be obtained from HQ upon receipt of an SASE. 1983 will be the first year QCWA members will be electing an enlarged Board of Directors. Issuance of amateur licenses for a period of 10 years has not been approved as yet. HQ has been snowed under with memberships, renewals, anniversary awards, etc. There is a big back-log of Golden Anniversary awards and they are free of charge. So please be patient if you haven't heard from HQ on your requests. Art Monsees W4BK, past Treasurer of QCWA has been awarded a plaque in recognition of his work for QCWA during the past several years. See the winter QCWA News for rules regarding the 1983 QSO parties. QCWA has adopted a completely new dues schedule. Use only the new membership application forms beginning Jan. 1, 1983. All chapters should have these new forms. HQ is preparing a brochure which will display some of our QCWA treasures in artful form, together with a capsule description of QCWA, what it is and what it means to us. They will be available soon. QCWA Chapter 142 chartered on Nov. 11, 1982 is centered about the Toledo, Ohio area.

SPACEPORT CHAPTER: Our Dec. 18th meeting was held at Mr. Ni's chinese restaurant on Merritt Island. The general elections were held. A slate of officers was present and there were no nominations from the floor. The new officers for 1983 are Spencer Allen K0REC, President; Ron Richardson K4GXR, Vice President; Allen Apple K4ILX, Treasurer and Charles Bunce K4KCN, Secretary. We were happy to see Walt Todd W4JXI back on the road to recovery after by-pass surgery. Burke Edwards, W4BKZ gave a short talk on boating and the tie-in with ham radio, citing rescue and social and useful information all via ham radio. It is mostly on the waterway net frequency of 7268. John Weber W4JW had an article in CQ entitled "Extending Transmitter Tube Life" and Don N4IN had a lengthy article on the results of CQ 1982 160 meter CW and Phone DX contests. We all enjoyed the chinese restaurant very much. Don N4IN the out-going president gave a farewell address concerning the state of the chapter. We thank all the out-going officers for a job well done. There were 61 members and guests present and we picked up four new members: Larry Bronson KA4LAZ, Dean Cole W4LQS, John Talbott W4RJV and Juanita Talbott W4RJM. Welcome aboard.

—Reported by Charlie K4KCN.

SUWANE CHAPTER: Our annual Christmas party was a great success with the

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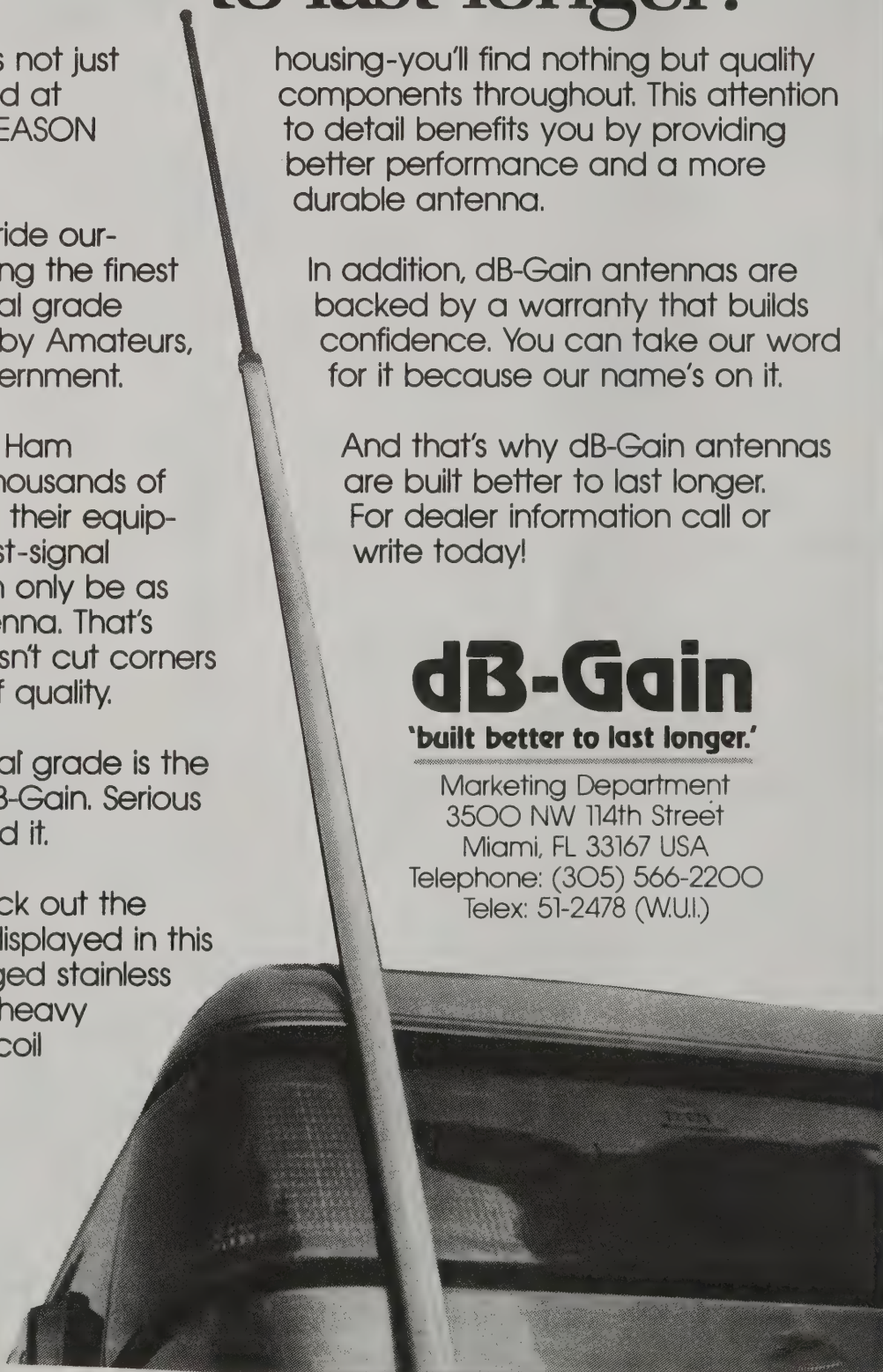
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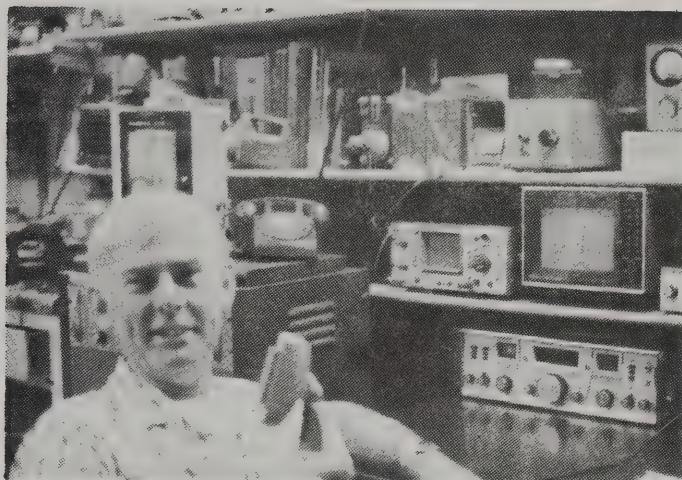
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Ott, W4WSR, of Jupiter, operates a variety of gear on 2 meters--SSB/CW (and FM too) 432 MHz and 1296 MHz. Ott has designed an efficient 432 MHz 4CX250 amplifier which will be shown in the ROOST'S March column. (Photo by K1FJM/4.)

THE VHFers ROOST

Conducted by: Peter S. Heins, K1FJM/4,
19570 S.W. 264th St., Homestead, FL 33031

As we draw closer to the AMSAT Phase III-B communications satellite launch, we should briefly examine 3 points concerning the Amateur Satellite Program: (I) Amsat dues renewal is in January of each year; if you have not yet paid for 1983, or wish to join as a first time member, please send your check for \$16. to AMSAT, 850 Sligo Ave., Silver Springs, MD 20910. Phase III-B has emptied AMSAT's treasury and they need financing to continue operation; (II) Dig out your anthology of 03-B technical data and insure your 2m and 432 mhz antennae, in particular, are up to the minimum grade for use with the new satellite. (Remember 03-B will be many thousands of miles away, unlike earlier OSCARs); (III) Get ready to tabulate tracking data for 03-B because it will be in elongated elliptical orbit instead of earlier low altitude circular ones. AMSAT states that by this month, they should have an AMSAT/Sinclair/Timex ZX-81 computer program and modification to automatically track the new bird. This will be done at "a cost less than most amateur station accessories"!

Congratulations to W4ODW for his winning effort from NFL during the Sept. '82 ARRL VHF Contest.

SIX METER activity provided many holiday greetings during Dec. A variety of F2, Es, and backscatter provided lots of QSOs, states, and countries for many FL hams. From the 17th of Dec., shortly after one of the largest solar flares ever recorded, 6m provided excellent propagation through the 23rd. Between 1730-1830Z on the 17th, there was a massive W6 opening along with great backscatter (from SFL, GA, WI, etc.), as well as AE7K(NV). However the highlight of this opening was KH6IAA and KH6JJI. The Hawaiians started working stations in GA, and then signals spread South. All operators in FL who heard KH5IAA worked him including WB8IGY/4 (Sarasota) and W5DZF/4 and K1FJM/4 in Miami. Al's signals from Ohau were 59++ for an hour! Al's QSL card stated that the opening was the best he had ever witnessed to FL and he operates a lot. Both W5DZF and K1FJM are up to 49 states. Let's hope AK comes in soon. The log of WD4IYS for the 18th includes W6 as well as PJ9EE (Curacao), Y5LCB (El Salvador), and OA8V (Peru). On the 19th, Harv worked 8 countries direct and on crossband between 1345-1900Z. A highlight was an x-band QSO with CT2EE (Azores). At 1856Z, PJ9EE simultaneously QSOed WD4IYS and V6! Backscatter was also in evidence as I worked 5 FL stations on the 20th. In addition, the father/son team of OA8V and OA8CW were heard 59 in FL. On the 23rd, an F2 opening to NCal and WA was heard in Miami. A fine Christmas present on the 24th provided dual Es openings to the Northeast and Midwest. From 1630Z until at least 1730z, many W1 and W2s were very loud in S.FL. Later, the second opening from 2000-2130Z provided many QSOs from OH, KS, KY, TN, ONT, etc. Even VE6CX (Alberta) was worked from Miami on double hop Es.

ON 2 METERS, the Geminids meteor shower was not too productive in the way of working new states for me, but I heard quite a few pings between the 13th and 15th. I had a QSO with W4GJO(GA) to finally work our adjacent state for number 27. I know that WB2OTK/4(JAX) had a number of schedules, but do not know what success he had. A bunch of other stations have the equipment to work Ms, but as far as I know, no others from FL attempted Dec Ms skeds. On the afternoon of Christmas Eve, there was a short distance 6m Es opening, but I was unable to hear any Es on 2 meters from Miami; did any one else have better luck?

That's it for FEB. Dust off your satellite info, and look towards TX for 2/432 ducting this month.

QCWA Fm P 20

attendance at 53 persons. We had visitors from New York and two new members. Our program was the exchange of trivial gifts and a recap of the year's activities by the outgoing president, Hugh. The following officers were duly elected for 1983: Earl Jones NF40, President; Ray Chartier W1RFE, Vice President; Hal Carpenter K4JTJ, Secretary/Treasurer. A plaque of appreciation was presented to our outgoing President and a vote of thanks given to the other outgoing officers.

—Reported by Rowland Medler W4ANN

GATOR CHAPTER: We had a fine Christmas party meeting on December 4th at Chief Charlie's in Clearwater. Seventy-five members and guests attended and the guests were General Ted Conway W4EIL, K4RX and KA4QWQ. We were happy to see Barney K4NB and Rex WB4AFQ at the meeting after a long illness. Cathy W4BAV was present even with a broken wrist, maybe too much brass pounding. Frank Shannon entered with a few very funny jokes. We thank Sissy Turner and Dot Weber for the nice table decorations. Ed W4BUB gave a report on the Gulf Coast Amateur Radio Council and plans for the next convention. The next Suncoast Convention will be held on Nov. 26, 27, 1983 at the same hotel. New officers for the Council will be voted on at the next meeting. Wes W4COW reported on the new FCC regulations. Some of our members donated some ham equipment to the Florida Sheriffs Youth Ranch which was dedicated on Dec. 12th. The following officers were voted in for the year 1983: Paul Turner W1DLP, President; Ed Powers W4BUB, Vice President; Eli Nannis K4JMH, Secretary and George Rae K4TH, Treasurer. New Directors will be Erle Parker K4JF, Bill Turner W2WV and Ernie Grant W1GJZ. The outgoing President Lou Weber K4HWS will remain on the Board for one year and he was commended for a job well done as President of our chapter for 2 years. The first Saturday of January is the first so we are changing our meeting date to Jan. 8, 1983 and all are welcome. Many of our members had their zip codes changed so I hope that all members with changes will notify me so I may update the address list. We have 17 members who have 60 year certificates or better. They no longer have to pay chapter dues. We would like to see other chapters follow this lead provided they can afford it.

—Reported by Eli Nannis K4JMH

PELICAN CHAPTER: Our chapter had a great time at the Christmas party meeting on Dec. 15th at the Sea Ketch Restaurant, St. Petersburg. The following officers and directors were elected for 1983: President, Jack Mandel W4PLW; Vice President, Jack Whitley W4CZS; Secretary, Art Monsees W4BK; Treasurer, Phil Stern W4ZVO, and the Directors are Bill Franklin W4KC, Buck Lewis W4BV, Lew Sieck K4NE, Reg Iversen K4QZ and Herm Whitman K4EGM. Art Monsees W4BK past Treasurer of QCWA was awarded a plaque from HQ by Wes Randles, W4COW present QCWA Treasurer in appreciation of his years of service 1977 to 1982. The next meeting of our chapter will be on Jan. 19th at the Sea Ketch. All are invited and Wes W4COW will conduct the swearing in of the new officers and directors.

—Reported by Art Monsees W4BK

EVERGLADES CHAPTER: Our Christmas meeting was held on Dec. 11th at the Sweden House, Fort Lauderdale. The visitors were Art Greenberg W2LH and his XYL Madeline W2EEO and also N1HER now of Ft. Lauderdale. Thirty-two members and guests were present. Dave W2PF advised that ARRL has requested a delay of the no code license by the FCC for 18 months. Cable TV companies have not yet agreed on operations on the E and K bands that would interfere to Hams. The following members were voted in as officers for 1983: Ed Stolzenberger WB4ODL, President; Tom Banks WB4AN, Vice President; Don Hunnicut W4RQ, Secretary; Ted Stern K4YY, Treasurer. Joe Trahan W4UCL advised that he had offered his services as treasurer due to the illness of Fred Winston K4KK and performed this duty for most of the year. Joe Williams, Marketing Representative of the Tandy Corp. gave a talk on the computer he brought and demonstrated. A very timely subject.

—Reported by Ted Stern K4YY

GATEWAY CHAPTER: New officers were elected at our Christmas Party meeting held on Dec. 18th at Uncle John's Pancake House in Jacksonville, the place of all our regular meetings. All enjoyed a fantastic time, especially the two punch bowls of eggnog prepared by Georgetowne the XYL of W2KGI. The new officers are as follows: President Richard Reddy, WB1ELI; Vice President Walt Walters, W4HMO, and Secretary/Treasurer Ed Nelson, W0MKP.

—Reported by Charles Walters W4HMO

HIGHLANDS CHAPTER: Twenty-four members and guests attended the January meeting at Sammy's Steak House for breakfast. Organization and planning was the main topic of the meeting. Three directors were appointed to help out the other officers. K4QL Joe McKay, N4XV Jim Jones and Mait Perkins W8HSB, accepted the jobs for 1983. Phil Mcmasters WB4CB Chapter President handed the jobs of program chairman on Vice President Sel Urband who told the group that the United Telephone had speakers and films available, so now he can get some of them as the official with that authority. Hi. The Treasurer accepted dues and the directors told the President to spend as little as possible and get some membership cards printed. 73-88 & 30.

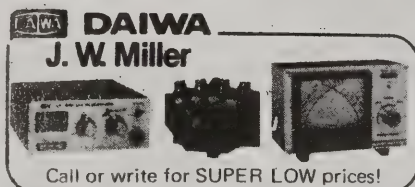
WESTLINK NEWSFLASH....

ISKRA 3 is in orbit. The Russian news agency TASS reported that ISKRA 3 had been orbited from the Solyut 7 space station on 11/18/82. Initial parameters are: Orbital period - 91.5 minutes, inclination - 51.6 degrees, apogee - 365 km., perigee - 350 km. call-sign - RK-03, beacon - 29.583 MHz. Like the ill-fated ISKRA 2, this satellite is also believed to carry a 15 meter to 10 meter transponder, though such a unit is not in service at this time. (thanks AMSAT, K1HTV & The WESTLINK REPORT!)

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ICOM's top of the line - 9 band HF transceiver, general coverage receiver - 0.1 MHz to 30MHz, 12 VDC operation (compatible with PS15 power supply). 2 VFO's builtin.



ICOM



IC-25A

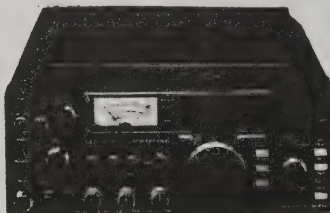
ICOM's small size (only 5 1/2" wide) 2 meter FM transceiver. Featuring 25 W. out, Priority channel, scanning, 5 memories. Touchtone® mic standard at no extra cost.



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ICOM IC-3AT



IC-740

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IC-730	10-80m Xcvr, 100W	829.00	699.00	\$89.00	\$610.00
IC-740	10-160m Xcvr, 100W	1099.00	950.00	40.00	*910.00
*****PLUS \$50.00 REBATE FROM ICOM NET NET \$860.00					
IC-R70	GenCov Rcvr	749.00	599.00	25.00	574.00

VHF(2meters)

IC-251	All mode ac/dc base	749.00	579.00	31.00	549.00
IC-22U	Fm 10W 800ch syn 12V	299.00	270.00	25.00	245.00
IC-25A	Fm 25W 12V ttn mic.	349.00	310.00	25.00	285.00
IC-290H	All mode 25W 12V ttn mic.	549.00	490.00	35.00	455.00
IC-2A	2M 800ch HT Nicd&chrgr	239.50	212.00	7.00	205.00
IC-2AT	2M 800ch Nicd/TTN&chrgr	269.50	240.00	25.00	215.00

UHF

IC-451A	Xcvr AC & 12V 430-440MH Z	899.00	799.00	52.00	747.00
IC-45A	FM 10W Syn 12V TTrmic	399.00	360.00	18.00	342.00
IC-490A	Multi-mode syn. mobile	649.00	584.00	27.00	557.00
IC-4A	Syn HT Nicd & Chrgr	269.95	240.00	11.00	229.00
IC-4AT	Syn HT Nicd, Chrgr & TTN	299.95	269.00	34.00	235.00

220 MHz

IC-3A	Syn HT Nicd & Chrgr	269.95	240.00	11.00	229.00
IC-3AT	Syn HT Nicd, Chrgr & TTN	299.95	269.00	34.00	235.00

6 METER

IC-551D	80W, 12V, w/EX107, EX108	699.00	608.00	23.00	585.00
IC-560	Multi-mode mobile Xcvr 12V	489.00	440.00	22.00	418.00

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160-15 Solid state linear amp.	1795.00	1395.00	85.00	1310.00
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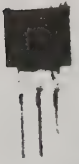
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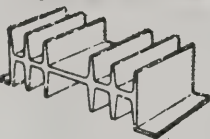


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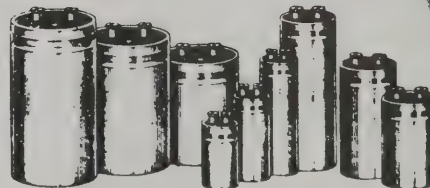


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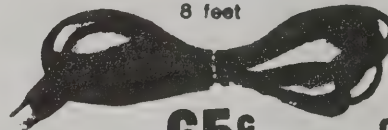


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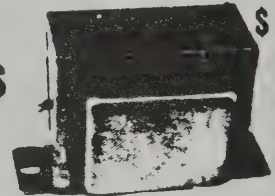
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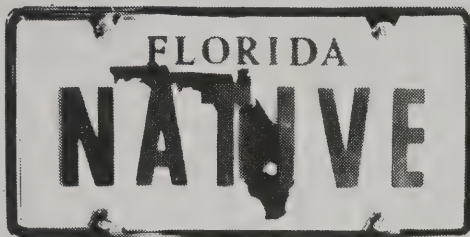


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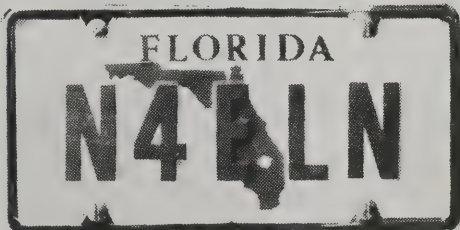
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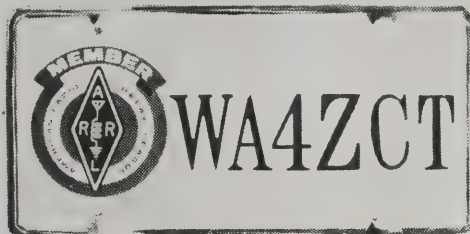
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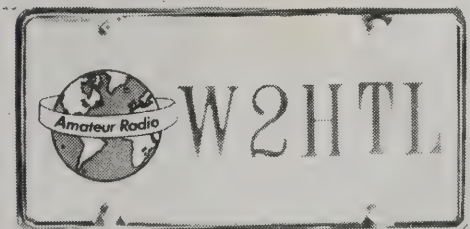
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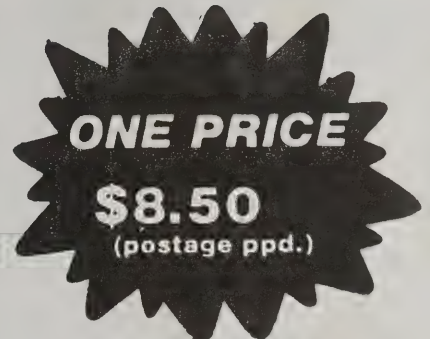
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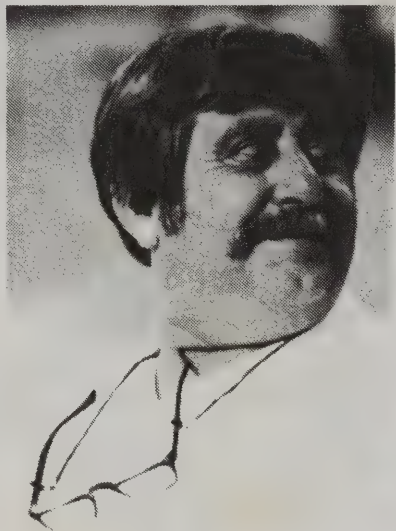
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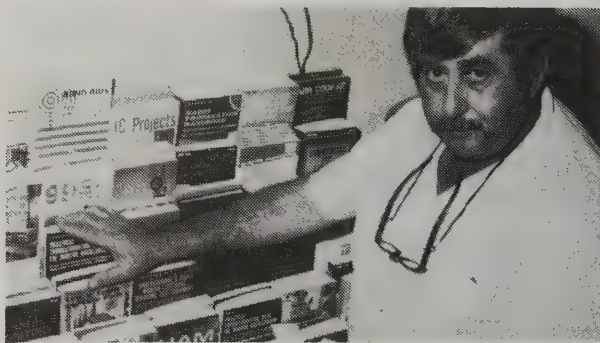
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NAVY-MARINE CORPS FLORIDA AREA MARS

By Lee R. Moore
Public Information Officer

Women play a key role in the Florida Area Navy-Marine Corps MARS Operation.

Two women just recently have been named to top administrative jobs in the MARS program.

As reported earlier Barbara J. Noonan, NNN0SNW of Inverness, had been appointed NNN0GAL One assistant to the Area Coordinator. This is like being the Executive Officer on shipboard.

Then in December, Mercedes Lollis, NNN0PXO of Miami, was named NNN0GAL Three, an assistant to the coordinator in charge of net operations.

She makes sure each Navy MARS net has a manager, a daily net control station and properly filed daily and monthly reports to the Area Coordinator and to the Regional Director in Charleston, S.C.

Mercedes, by the way, is a Cuban-born woman who spent her early years on that island nation. She came to the U.S., was graduated from Western Reserve University and now is a junior high librarian in Miami.

These are not the only women in Florida's Navy MARS.

We have three others: Cathryn R. Murphy, NNN0VES(t) of Jacksonville; Ann E. Coyer, NNN0WYZ of Bradenton; and Barbara Metzger, NNN0YAY(t) of Clearwater.

And that's not all.

Cathryn is a Lt. Commander on active duty with the Navy in Jacksonville.

George Jackson, NNN0GAL of Brooksville, Florida Area Navy MARS coordinator, has a sharp eye for talent.

That's why Mercedes Lollis and Barbara J. Noonan have risen so quickly to administrative positions.

Both are trained in administrative and record-keeping skills so needed in those positions.

And both have been in the MARS program for three years or less.

Is there still room in Navy MARS for women?

"You bet," says Jackson.

"and if they have the abilities," he added, "there's plenty of room on the administrative level."

Florida Area Navy MARS will have its annual meeting this year in Brooksville on April 23.

More details on the event will be in future columns, but some of the high officials in Region Two will be at this meeting.

And it's open to all ham visitors!

Interested in the Navy MARS program? Write Lee R. Moore, 857 N. Garfield Ave., Deland, FL 32720, for details. An info kit will be mailed.

WANTED: CW operators in Miami to check in GATOR NET, any morning at 830AM on 7090 kHz. We will QRS to your speed. Walt, KF4U Gm Mgr.

IMPORTANT NOTICE. When sending in your Hambar, please give your name, call sign, mailing address, zip code and phone number. Make it easy for the "buyer" to contact you AND buyers if NO PHONE number is listed in the Hambar, DONT call Editors home and ask for one. We didn't get it either. Thanks. . . . AC

AMATEUR SWAP SHOP and get together Feb. 25, 26, 27 Sertobo Ranch located 3 miles East, exit 60 (I-75) State Road 41. \$7. day including trailer hook-up. Small fee for electric. Sam Parker, W4LIS, Tampa, FL 33617.

Sell : 3 element quad antenna, fiberglass construction by SKYLANE. \$200. Wally Samshal KA4JZH, 541 Ridgecrest Dr., Punta Gorda, FL 33950 813 639-4743.

SALE: DRAKE 2C & patching speaker. Programable with 6 extra xtals. Just factory overhauled \$150. Kenwood QR666 general coverage receiver, all solid state, excellent \$140. Armand Sanchagrin, 419 U.S. 1 N. Palm Beach, FL 33408 305 848-0723.

FOR SALE: Heath SB-300/400 combination (Rcvr - 180W Xmtr) complete cables and manuals, well kept and in good working condition \$250. Harry Stitzel W4BTO, 428 Cove Dr., Hypoluxo, Lantana, FL 33462. 305-588-3498.

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WANTED: Your excess teletypewriter parts, unused. FOR SALE: Teletype parts, paper, tape, gears, toroids, M 28 ASR and Ros ready to go, reasonable! Also Telex TWX, M.40 VDT, M.43 KSR, etc. TYPETRONICS, Box 8873, Ft. Lauderdale, FL 33310. Fred Schmidt N4TT 305 583-1340.

NOTICE: Please get your HAMBARs in early. Make life just a little easier for your old tired Editor. DONT call on telephone at last minute with your HAMBAR. He is up to his "A" with much more important things at deadline time. Thanks for your consideration folks. . . . AC W4IYT

TOWERS AND HAM ITEMS. Save your money and buy at discount prices. Plus where else can you trade in anything that does not eat!! Here are a few of many items you can buy or trade. FULL LINE OF MOSLEY, BASH BOOKS, VO Com, OLD TELEPHONES, USED GEAR AND TOWERS, NEW ALUMA-CRANK UP AND STACK TOWERS. (ALUMINUM & STEEL) GROUND POSTS FOR TOWERS, MOBILE VAN TOWERS, TRAILER TOWERS, TUNA TOWERS FOR BOATS, POWER WINCHES FOR EITHER TOWERS OR BOATS, RECHARGEABLE TWO OR THREE CELL FLASHLIGHTS, ROTORS GU Y WIRE; TURNBUCKLES, THIMBLES, CABLES, CLAMPS, STAINLESS STEEL AIRCRAFT CABLE, HOUSE BRACKETS, ANTI-CORROSION COMPOUND FOR BEAMS & CONNECTORS, ANTENNA WEATHER GUARD, AND A NEW ITEM, EVERY ONE SHOULD HAVE TO SAVE THEIR EQUIPMENT. (PREMASPEC GROUNDING RECEPTACLES) RECEPTANCE PROTECTS SOLID STATE EQUIPMENT BY PREVENTING TRANSIENT VOLTAGE SPIKES IN THE ELECTRICAL CIRCUIT FROM REACHING THE EQUIPMENT. WILL NOT INTERFERE WITH NORMAL CURRENT FLOW OR ENERGY USE. WILL ALSO PROTECT OTHER RECEPTACLES INSTALLED DOWN THE LINE. AND ONLY \$29.95 PLUS \$2.00 SHIPPING AND 5% SALES TAX FOR FLORIDA RES' NUTONE HEATERS, CHIMES, INTERCOMS & PADDLE FANS. DROP US A LINE OR PHONE: ROBERT D. McCLARAN SALES, P. O. Box 2513, VERO BEACH, FL 32960 PHONE 305 - 723-4793. THANK YOU. 73 BOB W4ZGG.

SELL: Heathkit HW-101 transceiver with c.w. filter, 80-10 meters, a.c. power supply, matching speaker, excellent condition \$300. or best offer. Thirty six channel cable TV converter \$75. or best offer. Eddie Vallina WA4BCK, 5812 N. Gomez, Tampa, FL 33614 813 872-6760.

WANTED: Inoperative National NCL-2000 for parts. Also need VCTM and Heath type scope monitor. Elmer Shafer N8ES, 3479 Kersdale Road, Pepper Pike, OH 44124 216 831-9198.

FOR SALE: SANTEC H.T. 1200 with 5 accessories, very good condx. \$200. Dentron WP-1A peak reading power meter, new in box \$85. I will be in Miami Feb. 5th if interested. Jan Jones WD4AWN, Rt. 28 Box 258D Ft. Myers, FL 33905 813 694-4922.

FOR SALE: Heathkit SB-221, brand new in original sealed cartons (amplifier and plate transformer) \$550. Also for sale, mint Azden PCS-2000 in original carton \$200. Will ship UPS in state of Florida. Dan Hunnicutt, W4RQ, P. O. Box 923, Lake Worth, FL 33460 305 684-4168. Call days.

FOR SALE: HARD LINE 75 Ohm 3/4 inch plus 1/16 inch outer vinyl jacket. Thirty dollars per one hundred feet. Six hundred foot available. Pick up only. Frank Lester W4AMJ, 1915 Illinois Ave., Englewood, FL 33533, 813 476-5697.

WANTED: A good working Collins 51J4. Please call or write: Bill Krauthheim, 14704 SW 83 Ct., Miami, FL 33158 305 235-3347.

SELL COLLECTION of current and hard-to-find receiving tubes for only one dollar each. Send your list for availability of present inventory. New 4-400A and socket, chemmy \$70. Several 4PR 1000A finals, pulls at \$70. each. Milt Levy W5QJT, P. O. Box 13151, El Paso, TX 79913.

"I'LL GIVE YOU A SECOND OPINION, YOU'RE STILL WRONG".

WANTED: Radio Boys books by Chapman, Breckenridge, Duffield, Honeywell. Radio Girls books by Penrose. ARRL Handbooks and other older radio books. Also RME-6900, Drake 1A, Johnson Ranger II, El-Key Keyer paddle. Give full particulars including price. All replies answered Alan Reed W8WVU, Manitou Beach, Michigan 49253.

FOR SALE: YAESU FT101EX, mint condx, cooling fan, spare tubes, mike and manual. \$350. Wes Browne W4COZ, 112 Hill Circle, Lake Wales, FL 33853 813 676-6295 after 1 p.m. please.

ONE MAN'S JUNK IS ANOTHER MAN'S NOSTALGIA.....K1GGP.....

SELL: YAESU FT101EE, matching speaker, D-104 and hand mike, AC and DC power cords, with dust cover, like new and on the air \$495.00. Charles Lowe KB4SB, 415 Cactus Drive, Key West, FL 33040 305 294-6656 ext 408.

SELL OR TRADE: Johnson KW Match Box with SWR & power meter \$125. SB-220 new, never been fired up, linear amp. Will down trade for a new or like new 500 watt amp, like SB-201. Bill Marx K4EXF, 215 E. Illinois Ave., New Port Richey, FL 33552 (No phone No. given.)

WANTED: Heath HO-10 monitor scope in good condition with manual. Harold Byrd WG4X, 301 Hollywood Blvd NW, Fort Walton Beach, FL 32548 904 243-0882.

FOR SALE: Vibroplex Original key, new \$27. Vibrokeyer, excellent \$20. 4D32 new tube \$30. WANTED: Dynaco monaural preamp, the one that uses two 12AX7S. Bill Blum N4GHR, P.O. Box 1125, Lake Worth, FL 33460 305 588-3989.

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SELL: Complete Novice station Heath DX-60 with Heath HD-10 VFO. Drake 2-B receiver. All in good condition \$200. Pick up. G. L. Myers WB4WGP, 1735 Penny Lane, Clearwater, FL 33516 813 442-9160.

FOR SALE: Kenwood R-1000 All band receiver, mint \$320. James Homan W4DPH, 2075 Sun Tree Cr. N., Clearwater, FL 33575 813-442-3830.

SELL: General Radio 916A R.F. impedance bridge 400 kHz to 60 MHz for checking antennas, etc. Excellent condition, with manual \$200. cash. Can ship UPS. S. T. Carter II, W4NHC, P.O. Box 3177, Indialantic, FL 32903 305 727-3015.

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FOR SALE: NEED SPACE FOR A COMPUTER!! Kenwood TS-600, 6 meter all mode transceiver, mike, manual, original shipping container. A-1 condition \$25. Leader LAC-896, 6 meter antenna matcher, SWR bridge and watt meter, manuals instructions \$30. Hamtronics 440 MHz receiving converter, 50 MHz I.F. use with TS-600 or other transceiver for coverage of any 4 MHz segment of the band \$30. Clegg FM-76, 220 MHz transceiver, mike, manual 7 element beam, A-1 condx \$160. Heath V-6 VTFM, manual and probe \$15. 10 meter, FM transceiver \$45. 6 meter Halo \$5. D104 microphone with "G" stand \$20. Shipping additional. Thomas W. Schropp, WA4QNY, Apt. 514, 2655 Nebraska Ave., Palm Harbor, FL 33568 813 785-2576.

SELL: TI 99/4A software - ten antenna projects, a file by call sign, and a dupe finder for the contest. ALL THREE BIG PROGRAMS SPECIAL INTRODUCTORY PRICE \$9.95 plus \$1.50 for handling and first class mail. Bob Borum KV4Y, 3236 Harborview Ave., Tampa, FL 33611.

SELL: DENTRON GLA-1000B linear W/10 meter. Recently factory overhauled with new finals, in excellent condition \$265 or will trade for IC-2AT, ST-144UP FT-208R or equivalent. WANTED: Good grid-dip meter and SWR bridge. Gene Young W4LIT, 1247 Overcash Dr., Dunedin, FL 33528 813 743-8082.

SALE for the 220 MHz gang. Cobra 220 MHz FM transceiver, 12 channel 10 watts out. Same Midland & Clegg rigs. \$90. Also ICOM 3AT, 220MHz hand held, synthesized touch tone and all the goodie that go with it, brand new condition \$167.61. All plus shipping. Herb Tuell W4IRA, 1878 Lakeview Rd., Clearwater, FL 33546 813 442-5387.

SELL: DRAKE TWINS T4X. AC4, MS4, MN4 and R4C \$500. for all. Dentron AF-1A audio filter cost \$179. sell for \$50. WANT: Ten-Tec 540 with accessories. Will trade any or all. Bob Borum KV4Y, 3236 Harborview Ave., Tampa, FL 33611 813 831-1024.

STOP: STOP by our FLORIDA SKIP Hamboree booth and ask for your handy-dandy-andy 1983 ham shack calendar. Will also have the 1983 2 meter map and other items of interest. See you there. Andy W4IYT...

FOR SALE: Yaesu FT-101ZD with CW filter, fan, manual and orig. carton \$550. Autek audio filter \$40. AEA MBA/RO code reader with a.c. adapter and stand \$200. Will demonstrate all equipment. George Briggs KA4KNI, 1718 Winwood Cir., Clearwater, FL 33515 813 442-4548.

"AN INTERNATIONAL CRISIS IS LIKE SEX -- AS LONG AS YOU KEEP TALKING ABOUT IT, NOTHING HAPPENS. Henry Kissinger..."

FOR SALE: DRAKE TR4C transceiver with noise blanker, AC power supply and extra final tubes mint \$450. Robert Clowes K4MB, 2342 Tudor Lane, Clearwater, FL 33575 813 733-0976.

PLEASE DON'T FORGET: Our HAMBAR deadline is the 8th of each month. This means, your ad MUST be in Box 501 by the 8th. DO NOT CALL editors home with HAMBARS or last minute changes. We WILL NOT accept them! All HAMBARS received after the 8th will be held for the following month. Thanks for your cooperation and consideration!! Editor.

FOR SALE: CODE PRACTICE TAPES: ARRL 7 1/2 & 10 WPM. 73 code course 13 and 20 WPM. Ameco code course lesson 11 thru 22 (two sides). All above only \$4.00 each plus \$1.00 postage. Andy Clark, W4IYT, 41 Lenape Dr., Miami Springs, FL 33166 305 888-3874 after 6 pm please!!

FOR SALE: HONDA E-1500 generator. Brand new never used. AC: 1.25 KVA, 115V, 60 Hz, phase-1, DC: 12 V 8.3A. Guel: Gasoline. Cost \$575 new. Now only \$450 or best offer. Lee Jones K4LEE, 17221 NW 53 Ct., Miami, FL 33055 305 624-8119. Call after 6PM ask for Linda WB4TYU.

WILL SELL OR TRADE: OMEGA noise bridge \$30. 4-250A (2 for \$40.) Ten-Tech keyer paddle assembly model KR-1 \$15. 8 element wide spaced KLM 2 meter beam \$22. Several EIMAC 60 mmfd vacuum variables trade, Nems-Clarke (vitra Corp.) Phase-lock 215 to 265 MHz repeater receiver, trade or sale. Walt Zmetronak W2MHL, 1650 NE 60 St., Ft. Lauderdale, FL 33334 305 771-4459.

JOHNNY CARSON: "YEARS AGO, OUR COUNTRY HAD GREAT STATESMEN, LIKE WASHINGTON, JEFFERSON AND LINCOLN. NOW THEY'RE ALL WIDE RECEIVERS."

FOR SALE: WILSON SYSTEM-ONE 4 element tribander \$70. 1982 CALLBOOKS, US and Foreign \$6. each. KLM 160 meter center-loaded vertical \$35. "Clipper-Strip" voltage spike protector extention \$20. Plus UPS, crating. WANTED: QST prior to 1930. Mike Raskin K4KUZ, 561 West Tropical Way, Plantation, FL 33317 305 583-4026.

FOR SALE: Kenwood TS-820 with digital readout, 2.1 kHz SSB filter, 3 MARS (Army) crystals, original carton, service manuals. Excellent condition \$525. David Talley W2PF, 10275 Collins Ave., Bal Harbour, FL 33154 305 868-4131.

SACRAFICE: SWAN MARK II, 2 kW PEP amplifier 80-10 meters with power supply and manual, one owner, low time on new 3-500Z's. Excellent condition, original cartons \$350. National Technical Electronics course number 10, complete 40 books, new condition, cost \$187. sacrafice \$20. Bill Fanning ND4P, 2710 Sunny Brook Road, Jacksonville, FL 32216 Phone 12 noon till 11 PM 904 641-3440.

FOR SALE: 42 ft. Jontz galvanized steel free-standing tower with HAM IV rotor, cable, and control box. On ground and partially disassembled. \$250. Pick up only. Bill Wilson WB4QFH, 7466 Pioneer Road, West Palm Beach, FL 33406 305 683-5932.

SOME PEOPLE EAT AND RUN BECAUSE THEY'RE LOUSY TIPPERS.

WANTED: Traps and balun for TELREX 40-80 meter inverted Vee. Roy Carpenter K4EJW, Box 301, Silver Springs, FL 32688 904 236-2776.

SELL: HW-101 with PS, CW/filter, SB600 speaker \$200. Heath HW-2036 2 meter rig with touchtone mike \$125. Both rigs in excellent condition. MFJ speech processor \$20. D. McCurdy WB4KGN, 3504 Brokenwood Dr., Coral Springs, FL 33065 305 752-2884.

SELL: YAESU 901DM complete, original box with manual/service manuals \$750. Shipping UPS included. Duane Crim KC4WZ, 7408 Van Dyke Rd., Odessa, FL 33556 813 920-6314.

FOR SALE: Info Tech M 200F tri-mode converter, brand new, in box can demonstrate \$410. Also 2 VHF walkie talkies (Standard) with charger, extra batts. ants and cases, with manuals \$225. for both. Heathkit freq. counter and Heath tester, each \$30. Sheldon Bowling N4FJA, 2741 NE 6th St., Pompano Beach, FL 33062 305 781-8580.

HE WHO HOOTS WITH THE OWLS AT NIGHT CANNOT SOAR WITH THE EAGLES IN THE MORNING!!

FOR SALE: Henry 2-K floor model linear, mint condition \$750. Hammarlund HQ-170A receiver, ham band, very mint \$200. Collins 32V3 transmitter, very clean, new spare final \$200. Kenwood R599-D receiver, T599-D trans. S99 spkr \$559. TMC G PR-90 receiver, general coverage, ham band, mint \$250. Yaesu FT-707, FP-707, YM-35 mic \$650. Teletype KSR-33 and stand \$100. IBM i/O printer, pin feed, BCD coded \$125. K2BLA design CW keyboard, with memory, non buffered \$125. K2BLA CW keyboard, no memory with 8 character moving CW code converter \$225. Tekronix model 531 scope, type L plugin \$150. Kenwood TS-520S VFO-520, SP-520, DG-5 \$650. 4-1000 tube, tube socket, filament transformer \$125. All above with manuals. Jim WE4V, 257 E. Alpine St., Altamonte Springs, FL 32701 305 831-5024.

HEATHKITS: SB101 - SB600, HP23A, SB401 SB-303, SB200, SB630 HM-102, ICOM IC-215 Robot 70A monitor, 80A camera/lens - 61 Viewfinder. Collins 32S3 - 516F2 \$1350.00 All manuals. All Heath gear in good condition. All Robot gear never used. Jos. S. Dileonardo WA4ZQT, 2070 Jamaica Dr., Miramar, FL 33023 305 891-1137.

SELL OR TRADE: YAESU FTV-250 transverter \$150. Or trade for frequency meter scope or phone patch for Yaesu 101E. Jim Chaney, Rt 2 Box 311, Haines City, FL 33844 813 422-1389 (No call sign.)

"IF A MAN COULD HAVE HAVE HALF HIS WISHES, HE WOULD DOUBLE HIS TROUBLES." Benjamin Franklin

PLEASE NOTE: ALL HAMBARS ARE \$2.00 MINIMUM - 5 cents A WORD OVER FORTY WORDS. SEE RATE CARD INFO AT BEGINNING OF HAMBAR SECTION FOR DETAILS ON ALL ADS. THANK....

WANTED: Collins SM-3 mic. SALE: or TRADE: DX Engineering Mod. LC-1-32S speech processor. John Crosby K4XA, Box 463, Albany, GA 31702 912 883-7373.

IRCS (International Reply Coupons) for sale - 42 cents each or 25 for \$10. Send check or money order to Billy F. Williams, P.O. Box 9673, Jacksonville, FL 32208.

ESTATE SALE: Collins 32S3 \$350. 75S3 and spkr \$350. Collins 302C-3 with adptr, power meter and SWR \$50. Collins KWM1- and power supply condition unknown \$150. Kenwood 7400A 2-meter 25W transceiver \$200. Heath IP-2715, 0-25Amps, 0-15 VDC \$75. Brown Brothers keyer BTL-A \$20. Data Eng. Space Amatic 21B electronic keyer \$55 or both for \$75. Heath SB-220 2 kW linear \$400. Bird watt meter with 1000W 2-30 MHz and 5 watt 100-200 MHz all \$175. 1979 Callbook Dom & DX both \$10. Tubes: EIMAC SK-410 \$8. each. 4CX250F pair \$15. RCA new 6146 in box \$15. 50 ft. telephone pole with Prop Pitch motor, you haul \$20. 35 ft. metal mast, you take down \$35. Home brew antenna tuner \$10. 45 ft. Wilson, crank up tilt over tower with Wilson winch \$200. ready to haul. + meter 4 el. beam \$15. D-104 with G-stand PTT \$20.00 Contact Jim Hulbert N4AIZ, 229 East 18th St., Hialeah, FL 33010 305 887-7774.

FOR SALE: Kenwood TS820, original owner, \$400. R. C. Allison K4XB 370 Belaire Ct., Punta Gorda, FL 33950 813 639-5334.

SELL: TA-33 beam and Ham M rotor \$100. Cash and you pick up. E. Weller K4GYZ, 4156 Bob White Dr., Boynton Beach, FL 33436 305 737-4371.

SELL: DRAKE TR-3, RV-3, W-4 and MS-4; Hustler 4-BTV 10-80 meters; Yaesu FT-227R w/ TT mic. All in mint condx, factory inspected, with manuals. Richard Allan Painter WA6KUI, Box 1254, Mount Dora, FL 32757 904 383-7400.

FOR SALE: Mint RTTY Microlog/6800 with 15" Sony Monitor. Extel printer No. AH-11(R) 30 CPI with auto roll paper, also low paper switch. Paid over \$4000.00. FIRM \$1000. Heath FM deviation meter IM-4180, \$50. 1 Auto Patch cost \$350 Real buy \$55. Heath SWR 50-175 MHz model HM2141 first \$25. Yaesu VFO FV-107 new \$50. Ted Duffield VE4AL, 9239 - 118th Way North, Seminole, FL 33542 813 397-4894.

FOR SALE: LOG PERIODIC (KLM 10-30-7LPA) new in the box \$400. FIRM. Jack Wilson WA4ZHX, 3423 SW 12 Ct., Ft. Lauderdale, FL 33312 Call days 305 581-1340.

SELL: OMNI D 10-160 meter, like new \$635. SWAN 700 CX \$395. 250 watts output, 8950 tubes. SWAN 700 HF \$395. 250 watts output, 8950 tubes. All on air. Ed Link KZ4C, 9146 Pinto, Lake Worth, FL 33463 305 965-0684.

MUST SELL: N3BRT novice-tech station. Johnson Viking II transmitter with Eico 722 VFO \$125. Heathkit HR-1680 receiver \$95. Or \$195. for the set complete with Dow Key TR relay and all hook ups. MFJ professor Morse (MFJ-410 - Morse code teaching computer/keyer \$75. This station got me second place Tech NFLA in last years Novice Roundup. Ric Kennard N3BRT, Rt. 1 Box 778, Groveland, FL 32736 904 429-3956.

SALE: Transceiver, SWAN 350, 80 thru 10 meter, SSB, CW on the air \$245. FOB. Also color pic tube 25PX22, exc. condx. Pick up only \$18. D. Vinkoor W2HLP, Coventry I-208, West Palm Beach, FL 33409 305 - 684-5428.

SELL: Mirage 2 meter amp. Mod. 3016, 25 in 160 watts out \$125. 3 el. 5 meter beam \$25. Heath freq. counter mod. IM-2400 \$60. B. Miller N4EFQ, 9910 Collins Ave., Bal Harbour, FL 33154 305 866-8917.

MUST SELL: set of your stacked KLM 144-150-160 2 meter circularly polarized antennas. Perfect for SSB and FM. All new elements., with harness, coupler, baluns and stacking framework. Can UPS \$290. Ric Kennard N3BRT, Rt. 1 Box 788, Groveland, FL 32736 904 429-3956.

KENWOOD 2-meter TR-7625, 5-25W. Mic, mobile & fixed station. 800 synthesized, A-1 \$150. Microprocessor RM-76-A-1 \$50. Walt Stock WAHIS, 4401 NW 48th St. Lauderhill, FL 33321 305 741-4128.

SELL: SWAN 500 with 117 VAC power supply and spkr, enclosed with 10 external VFO, all in A-1 mint condition \$250. Adzen PCS2800, 10 meter FM transceiver, brand new in carton \$125. MFJ mod 401 keyer, brand new in carton \$20. Iambic paddle Benchmer mod. By-3, gold plated, brand new in carton \$80. Golden Eagle D-104 gold plated, brand new in carton \$75. Tempo S-2 with TT pad, nicads, charger, rubber ducky, leather case, all new in carton \$125. Horace A. L. Heuresux K4JHZ, 6120 Springhill Blvd., Springhill, FL 33526 904 683-5120.

IT'S MORE IMPORTANT TO LOOK AHEAD THAN BACKWARDS.
THAT'S WHY OUR EYES WERE PLACED IN THE FRONT". Mark Twain

FOR SALE: Mint Atlas 210X model 220-CS power supply & spkr console with VOX mod. VX-5, noise blanker and all manuals. Never used mobile. Lloyd Huffman KC4BF, 3739 Lake St., Ft. Myers, FL 33901 813 936-3442.

IT'S THAT TIME OF YEAR AGAIN. 1983 will soon be here. Once again FLORIDA SKIP, as a service to it's members only is sending a multi-colored calendar who request same. We must have a SASE. That means Self Addressed Stamped Envelope! This is our 21st year in sending out this neat little 3 1/2 X 5 1/4 inch calendar. We have sent out thousands! These calendars cost SKIP about 26 cents each, but they are FREE to members. However; you can send a donation, if you wish. Send to: Calendar, Florida Skip, P.O. Box 501, Miami Springs, FL 33166. Thank you & 73 AC.

ESTATE SALE: FT-707 HF transceiver, all bands, no tune, 100 W. out SSB and CW with matching FP-707 power supply and matching FC-707 power supply and patching FC-707 antenna tuner, like new, manuals, warranty cards. Price complete \$550. plus shipping. Herb Tuell W4IRA, 1878 Lakeview Rd., Clearwater, FL 33546 813 442-5387.

FOR SALE: New Wilson WV-1A vertical, 10 thru 40 meter, 20 feet high \$32. SBE-34, clean, receives FB, transmit needs work \$90. Both FOB. F. McAllan W2SPB, 312 Myakka Dr., Riverview, FL 33569 813 677-2117.

"I THINK ALL THIS TALK ABOUT AGE IS FOOLISH. EVERY TIME I'M ONE YEAR OLDER, EVERYONE ELSE IS, TOO." Eva Gabor. . .

SELL: KENWOOD TS-520 transceiver, Shure 444 mike, Heath SWR-watt meter. Heath Dummy load. Many parts and goodies for hamfest. Joe Randle, WB4IUY, 1420 Pearl Ave., Live Oak FL 32060.

TUBES: Receiving type. New merchandise. Name brands. S.A.S.E. for catalog. 70% off list. Amateur equipment 15% to 25% discount. National Audio, 2500 Channing Road, Cleveland, OH 44118 216-371-2513.

SALE: HAM-M rotor and control box (needs minor repair) \$30. Wilson 1402SM hand held with mic, leather case, charger/supply (without batteries) good condx \$75. Realistic DX-150A general coverage receiver \$70. Four 12 inch PA speaker from Lafayette (still in box \$25. Charlie WB4-UNV, 3901 SW 58 Terr., Hollywood, FL 33020 Call evenings 305 963-6972.

TRADE: Drake DC4 supply, Hubter watt meter and pick up unit. Hustler mast and reconators for 15-20 and 40. Looking for a small restator for a 2 meter beam. Ray Reel W0GQL, 7001 - 142nd Ave. No. No. 341, Largo, FL 33541.

FOR SALE: DRAKE MN-2000 antenna tuner, beautiful condition, near mint \$140. New 4D32 tube \$30. Bill Blum N4GHR, P. O. Box 1125, Lake Worth, FL 33460 305 588-3989.

FOR SALE: YAESU FT-101E YC-610B digital display and frequency counter up to 35 MHz, Landliner Fone Patch/speaker, 2 yaesu mikes. I Rodriguez WB4LAP, 3321 Palmetto, FL 33607 813 877-1226.

COMPUTER - TRS-80 model 1 level II, CTR-81 Cassette recorder, Video and manuals. Just checked out by Radio Shack and was warrantly seal. Went to a model III for business purposes. Have some games and other tapes. Will take \$395. You pay UPS. This is an excellent computer. Al WA4RGO, Box 23894, Jacksonville, FL 32241. 904 268-3016 after 5PM.

ONE REASON THERE ARE SO MANY JUVENILE DELINQUENTS TODAY IS THAT THE DADS DIDN'T BURN THEIR BRITCHES BEHIND THEM. . . . via K1GGP Korner.

ESTATE SALE: Misc. equipment. Daiwa CS-201 coax switch \$10. Bird No. 23 coax switch, type N connectors \$10. Eico Variac with ac volt-meter & AC ammeter rated 6 amps at 120 VAC \$23. Heath HD-1410 electronic keyer \$35. DC power supply by NPC model 107M 12 volts d.c. regulated at 6 amps \$25. Shure 444 mike \$25. 220 MHz mag mount 5/8 wave antenna. \$10. All plus shipping. Herb Tuell W4IRA, 1878 Lakeview Rd., Clearwater, FL 33546 813 442-5387.

SERIOUS Sunspot students 4' unitron refrator telescope, unihex, Barlow, image erector, eyepieces, Altazimuth mount, shipping cases wood, \$875. Don Burns N4EST, 1480 - 106 Ave. N.E., St. Petersburg, FL 33702 813 576-7667.

FOR SALE: Teletype model 28 KSR with electric paper take up. In excellent condition \$150. Also teletype model 32 ASR in excellent condition \$300. or best offer. Will demonstrate both machines and they are pick-up only SWAN Astro model 150 with PU-5 power supply and ST-3 antenna tuner \$600. Yaesu model FT-224RT two meter transceiver with ttp mike, like new \$250. Kenwood R-1000, 100 kHz to 30 MHz, digital receiver \$300. Yaesu speaker \$17. Bank check or Money Order. I pay UPS. Don McKenzie WA4ZRX, 5860 - 46th Ave. North, St. Petersburg, FL 33709 813 544-2629.

SELL: ATLAS DMK mount \$25. Hustler CB antenna with mount \$15. Hustler 2 mtr antenna with mount \$20. B&K 1460 solid state oscilloscope \$270. Sencore TF-151 digital VR meter \$125. WANTED: Atlas 220 CS power supply, mint condition. Lesly Williams W4ERZ, 2866 NW 34th Terr., Ft. Lauderdale, FL 33311 305 731-7013. Cashier check or MO. Ship UPS Collect.

WE SHOULD LIVE & LEARN, BUT BY THE TIME WE'VE LEARNED, IT'S TOO LATE TO LIVE. . . .

FOR SALE: ATLAS 110, 20 watt transceiver. Power mike, straight key, built in power supply. Good. Will ship. \$150. Firm. Nick Bourisk W4APN, 3221 - 71 Ave. No. St. Petersburg, FL 33702 813 527 2317.

LEADERS THINK. THEY THINK BECAUSE THEY ARE LEADERS! THEY ARE LEADERS BECAUSE THEY THINK. . . .

FOR SALE OR SWAP: Electronic Lowrey organ, "Holiday with Genie" beautiful cabinet, beautiful tone. Model TLOKS. Have Factory service manual. (make your own repairs.) Matching bench. Complete set of self-teaching tapes. Tape player/recorder built in. extra organ song books. Some extra chips. 35 watt hi-fi amps and spkrs 8" inch mid-range (main) and one 8" Leslie. Too many features to put in ad. Paid over \$2300.00. Will take \$800. or swap in equal value of transceiver and/or other solid state equipment. Andy Clark W4IYT, 41 Lenape Dr., Miami Springs, FL 33166 305 888-3874.

If the noise is steady, look for a running motor, fluorescent light fixture, light dimming switch, paddle fan with a silicon controlled rectifier in the circuit, or some other radio or television equipment.

Devices most commonly found on private premises that cause intermittent radio or television interference are: HEATING PADS, ELECTRIC BLANKET CONTROLLERS, TROPICAL FISH AQUARIUMS, REFRIGERATORS, DOOR BELL TRANSFORMERS and FLASHING DECORATIVE LIGHTING.

4. It is important for your own benefit to have the offending device checked and/or repaired to insure safe operation.

5. The interference produced by these devices will travel through the house wiring out to the power line, down to the transformer and thru the service wires to each of the houses on the transformer. Therefore, if you don't find the source of interference in your house, it may be coming from one of your neighbors. If so, be diplomatic and ask for your neighbors help. This will be the quickest and easiest way to solve the problem and keep on friendly terms with your neighbors. Good luck.

(Florida Army Mars QUA: W4YTA editor)

DX WITH W4MB

The First 100 Countries

A newcomer to amateur radio doesn't seem to pay much attention to DX for a time. He will work a few countries, largely by accident, and feel very good about them. But one day, probably on receiving two DX QSLs in the same mail, something changes. He realizes that he, too, can work DX, that there is such an award as the DX Century Club, and that he, too, can win this award. A new DXer is born.

Typically, however, our new DXer is in for a period of frustration. He calls CQ-DX, and hears static. So he tries replies to DX CQs. They come back alright — to somebody else. Occasionally he works a country, but the report really isn't satisfying — "just barely readable here, OM, 73". Then one day, it happens again. A new country, a decent report, and perhaps a compliment on his fist. And the cycle repeats.

It takes our new DXer some time to realize a fundamental — the less the capability of the station equipment, the greater the need for good operating. Typically he starts with the station — a new rig, several tries at antennas, perhaps that dream linear. And, effort to squeeze the last drop out of the station — perfect SWR, new tubes in the final, and even long tuneups to make sure everything is on the nose.

Yes, it helps, but its really not the way to go.

Concentrate first on the Operator. Not only does it pay off quicker, but is going to be necessary anyhow. There are many, many good operators with good stations going after DX. If you are going to compete, you are going to have to be good in both areas, too.

So why start with the operator? Well, first you must realize that, if you have any station at all, your signal is going somewhere. And you must learn how to get it to where you want it — to the DX station. Also you must realize that there are other signals there, too. And you want yours to be heard. Both take good operating.

Lets say this another way. The average DX station I work, the whole world average, has no more than 180 watts into a three element antenna at 30 feet. Almost a fourth are using a dipole or vertical. And I'm working a steadily increasing number of stations running 10-30 watts. This includes long path VK novices — with 3-element beams, of course, but still QRP.

Next month we'll look at some of the things involved in good operating. And after that, we'll look at making those 100 countries the easy way — in a single weekend.

If you don't fall asleep in the middle.

CW - THEORY CLASSES IN HIALEAH

C.W. and theory classes are now starting up at the Hialeah Jr. High School at 6027 East 7 Ave. Classes are Tuesday and Thursday, 8 to 9:30 PM. Classes are FREE. The Classes are sponsored by the AMERICAN RADIO CLUB. For further info call Mario Calvo KA4RUP at 591-0430 from 8:30AM to 5PM only.



Jon, WD4KSN, Council Director (West Palm Beach) passing traffic during recent SET' Jon usually does all the photography for the Council and will be surprised to see himself here. (Photo via WD4-KSO.)

FREE 1983 CALENDARS

It's that time of year again when FLORIDA SKIP offers a neat Ham Shack size, multi-colored calendar Free to its members. This will be our 21st year in sending out Free calendars. Needless to say, we have give away thousands of calendars during this time of period. It measures 3 1/2 by 5 3/4 inches. It has on each page (month), last as well as next month, in large bold numbers. These calendars cost SKIP over 26 cents each, but they are free to members, however, if you wish you can send a small donation. To get your free calendar, send a SASE (Self Address Stamped Envelope) to Calendar, FLORIDA SKIP, P. O. Box 501, Miami Springs, FL 33166. Thank you & SEASONS GREETINGS...

IMPORTANT REMINDER

Thirty meter band users are reminded that only the frequencies 10.100 to 10.109 and 10.115 to 10.150 MHz is that band are available to the Amateur Service in the U. S. Violators believed by FCC to be repeatedly or willfully using the frequencies 10.109 to 10.115 MHz are now being fined by the Commission. During the previous three weeks or so, FCC has warned violators with advisory notices or phone calls. However, the Commission has now received an official complaint of interference from the government service which uses 10.109 to 10.115 MHz and accordingly has escalated its response.

Thirty meter users are further reminded that the entire assignment is temporary and is available on the basis of no interference being caused to stations in the Fixed Service. Only A-1 & F-1 emissions are permitted and power is limited to 250 watts input by General, Advanced or Extra Class license holders only. (From ARRL O.B. 106.)

THE DeMAWS TO RETIRE

Doug deMaw, W1FB, ARRL Technical Department Manager, has announced his intention to retire in May. Doug and his wife Jean, W1CKK, who administers the awards program in the Communications Depart, ultimately will return to their family farm in Michigan, where they plan to start a small consulting and sales business. (From The ARRL Letter 1/6/83.)

• The base unit must be certified as meeting the conditions of the waiver.

• The base unit must have a label attached with a statement that says, "The base station of this phone is a radio link operating under the terms of a waiver granted by the FCC. Use of this phone may not ensure privacy of communication. Operation is subject to two conditions: (1) It may not cause harmful interference, and (2) it must accept any interference received, including that which may cause undesired operation."

This waiver applies only to cordless phones manufactured until October 1, 1984. Units sold under the waiver will be allowed to operate for the life of the device.

(ACE REPEATER — QST)